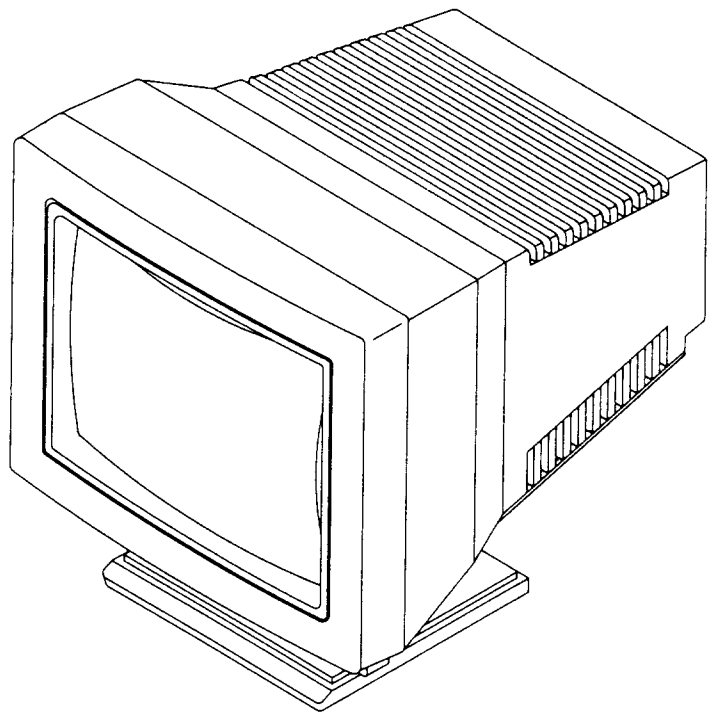
SERVICE MANUAL

CM-336
CM-337

COLOR VIDEO MONITOR



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1. SPECIFICATIONS FOR CM-336/337 COLOR MONITOR

1. CRT:
   14'' (13V) Deflection, 29mm Neck, 0.28mm Dot Pitch, Non-Glare Screen

2. Display Color:
   Unlimited Colors

3. External Controls:
   Power On/Off, Contrast, Brightness, H-Center, H-Size, V-Center, V-Size

4. Input Video Signal

	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
	RGB Analog	RGB Analog	RGB Analog	RGB Analog	RGB Analog	RGB Analog
Horiz. Sync.	TTL Level Positive	TTL Level Negative	TTL Level Negative	TTL Level Negative	TTL Level Positive	TTL Level Negative
Vert Sync.	TTL Level Negative	TTL Level Positive	TTL Level Negative	TTL Level Negative	TTL Level Positive	TTL Level Negative

5. Resolution

Horizontal:	720(H)	720(H)	640(H)	800(H)	1024(H)	1024(H)
Vertical:	350(H)	400(H)	480(H)	600(H)	768(H)	768(H)

6. Display Size (H-size & V-size set to center position)

Horizontal:	247 ± 3mm	247 ± 3mm	247 ± 3mm	245 ± 3mm	250 ± 3mm	247 ± 3mm
Vertical:	187 ± 3mm	187 ± 3mm	187 ± 3mm	190 ± 3mm	187 ± 3mm	187 ± 3mm

7. Display Time

Horizontal:	25.42μS	25.42μS	25.42μS	22.22μS	22.80μS	15.75μS
Vertical:	11.17mS	12.76mS	15.25mS	17.06mS	10.80mS	15.88mS

8. Scanning Frequencies
   Horizontal: 29.5KHz ~ 50KHz (CM-336)
   29.5KHz ~ 60KHz (CM-337)
   Vertical: 45Hz ~ 90Hz

9. Misconvergence
   Center: 0.3mm Max.
   Corner: 0.5mm Max.

10. Video Bandwidth: 65MHz (-3dB)

11. Power Source: Switching Mode Power Supply
    AC 90 ~ 264V, 50/60Hz Universal

12. Operating Temperature: 5° to 40°C Ambient

13. Humidity: 20% to 85% Relative, Non-Condensing

14. Weight: 12.3Kgs (Net), 14.3Kgs (Gross)

15. Dimensions Moniter: 356(W) x 349(H) x 385(D) mm
    Carton: 455(W) x 450(H) x 460(D) mm

16. External Connection: 15 Pin D-type Connector

2. PRECAUTIONS AND NOTICES

2–1 SAFETY PRECAUTIONS

1. Observe all caution and safety related notes located inside the display cabinet.

2. Operation of the display with the cover removed, may cause a serious, shock hazard from the display power supply. Work on the display should not be attempted by anyone who is not thoroughly familiar with precautions necessary when working on high voltage equipment.

3. Do not install, remove or handle the picture tube in any manner unless shatter-proof goggles are worn. People who are not so equipped should be kept away while handling picture tube. Keep picture tube away from the body while handling.

4. The picture tube is constructed to limit X-RAY radiation to 0.5 mR/HR. For continued protection, use the designated replacement tube only, and adjust the voltages so that the designated maximum rating at the anode will not be exceeded.

5. Before returning a serviced display to the customer, a thorough safety test must be performed to verify that the display is safe to operate without danger or shock. Always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as screwheads. Test method for current leakage is described as follow.

   (a) Plug the AC line cord directly into rated AC outlet (do not use a line isolation transformer during this check).

   (b) Use an AC voltameter having 5000 ohms per volt or with more sensitivity in the following manner: Connect a 1500 ohms 10 Watt resistor, paralleled by a 0.15mfd, AC type capacitor between a known good earth ground (water pipe, conduit, etc.) and the exposed metallic parts simultaneously. Measure the AC voltage across the combination of 1500 ohms resistor and 0.15mfd capacitor.

   (c) Reverse the AC plug at the AC outlet and repeat AC voltage measurements for each exposed metallic part.

   (d) Voltage measured must not exceed 0.5 volts RMS. This corresponds to 0.35 milliamp AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.

2–2 PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety visual inspections and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Before replacing any of these components read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire, X-RAY radiation or other hazards.

2–3 SERVICE NOTES

1. When replacing parts or circuit boards, clamp the lead wires around terminals before soldering.

2. When replacing a high wattage resistor (more than 1/2W of metal oxide film resistor) in circuit board, keep the resistor about 10mm (1/2 in) away from circuit board.

3. Keep wires away from high voltage or high temperature components.

4. Keep wires in their original position so as to reduce interference.

2–4 HIGH VOLTAGE WARNING

Operation of monitor outside of cabinet or with back removed may cause a serious shock hazard. Work on this model should only be performed by those who are thoroughly familiar with precautions necessary when working on high voltage equipment.

Exercise care when servicing this chassis with power applied. Many B plus and high voltage terminals are exposed which, if carelessly contacted, can cause serious shock or result in damage to the chassis. Maintain interconnecting ground lead connections between chassis and picture tube dag when operating chassis.

Certain HV failures can increase X-ray radiation. Monitor should not be operated with HV levels exceeding the specified rating for the chassis type. The maximum operating HV specified for the chassis used in this monitor is

25 KV ± 1KV

with a line voltage of 120V AC. Higher voltage may also increase possibility of failure in HV supply.

It is important to maintain specified values of all components in the horizontal and high voltage circuits and anywhere else in the monitor that could cause a rise in high voltage or operating supply voltages. No changes should be made to the original design of the monitor. Components shown in the shaded areas on the schematic should be replaced with exact factory replacement parts. The use of unauthorized substitute parts may create a shock, fire or other hazard.

To determine the presence of high voltage, use an accurate, high impedance, HV meter connected between second anode lead and CRT dag grounding device. When servicing the High Voltage System, remove static charge from it by connecting a 10K ohm resistor in series with an insulated wire (such as a test probe) between picture tube dag and 2nd anode lead. (AC line cord disconnected from AC power outlet).

The picture tube used in this monitor employs integral implosion protection. Replace with tube of the same type number for continued safety. Do not lift picture tube by the neck. Handle the picture tube only after discharging the high voltage completely.

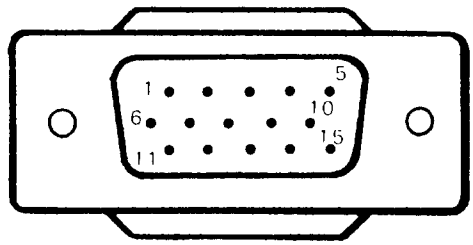
H.V. Protector.
The high voltage adjustment control 2 (VR902) is permanently sealed at factory. Do not attempt to readjust.

3. OPERATING INSTRUCTIONS

This procedure gives you instructions for installing and using the CM-336/337 color display.

1. Position the display on the desired operation and plug the power cord into a convenient AC outlet. Three-wire power cord must be shielded and is provided as a safety precaution as it connects the chassis and cabinet to the electrical conduit ground. If the AC outlet in your location does not have provisions for the grounded type plug, the installer should attach the proper adapter to ensure a safe ground potential.

2. Connect the 15-pin color display shielded signal cable to your signal system device and lock both screws on the connector to ensure firm grounding. The connector information is as follow:



15 – Pin Color Display
Signal Cable

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	RED	9	N. O.
2	GREEN	10	GND
3	BLUE	11	SYNC. GND
4	N. O.	12	N. O.
5	TEST	13	HORIZ. SYNC
6	RED SHIELD GND	14	VERT. SYNC
7	GREEN SHIELD GND	15	N. O.
8	BLUE SHIELD GND		

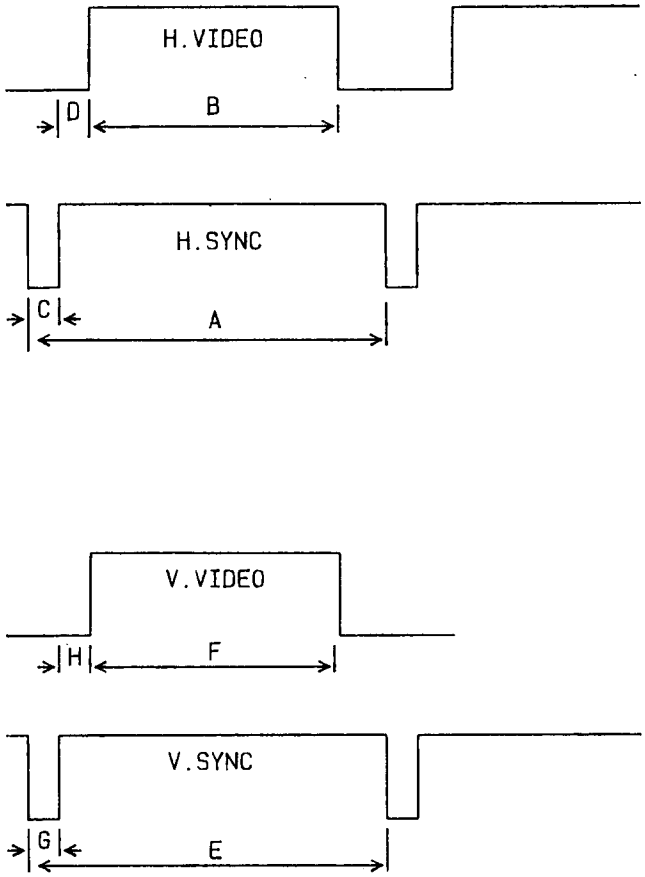
3. Apply power to the display by turning the power switch to the "ON" position and allow about thirty seconds for display tube warmup. The Power-On indicator lights when the display is on.

4. With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display.

5. If your CM-336/337 color display requires service, it must be returned with the power cord.

4. TIMING DIAGRAM & TABLE

4-1 TIMING DIAGRAM



A = HORI. SYNC. PERIOD.

B = HORI. ACTIVE TIME.

C = HORI. SYNC. WIDTH.

D = HORI. BACK PORCH.

E = VERT. SYNC. PERIOD.

F = VERT. ACTIVE TIME.

G = VERT. SYNC. WIDTH.

H = VERT. BACK PORCH.

4-2 TIMING TABLE

MODE	TIMING	A (US)	B (US)	C (US)	D (US)	E (MS)	F (MS)	G (MS)	H (MS)	H.SYNC. POLARITY	V.SYNC. POLARITY	HORI. FREQUENCY
1	VGA 350	31.916	25.420	3.813	1.765	14.330	11.171	0.064	1.915	POSITIVE	NEGATIVE	31.470KHz
2	VGA 400	31.916	25.420	3.813	1.765	14.330	12.766	0.064	1.117	NEGATIVE	POSITIVE	31.470KHz
3	VGA 480	31.776	25.421	3.813	1.748	16.682	15.252	0.064	1.049	NEGATIVE	NEGATIVE	31.470KHz
4	800x600	28.444	22.222	2.000	3.444	17.778	17.066	0.057	0.626	NEGATIVE	NEGATIVE	35.156KHz
5	8514A INTERLACE	28.146	22.802	3.919	1.158	11.498	10.808	0.113	0.563	POSITIVE	POSITIVE	35.528KHz
6	8514 NON-INTERLACE	20.667	15.753	2.092	2.461	16.666	15.880	0.124	0.600	NEGATIVE	NEGATIVE	48.363KHz
7	VESA 1024X768	17.707	13.653	1.813	1.920	14.272	13.599	0.106	0.513	NEGATIVE	NEGATIVE	56.476KHz

5. ADJUSTMENT

5–1 ADJUSTMENT CONDITIONS AND PRECAUTIONS

1. Approximately 30 minutes should be allowed for warm up before proceeding.

2. Adjustments should be undertaken only on those necessary elements since most of them have been carefully preset at the factory.

5–2 MAIN CONTROLS

NO.	FUNCTION	LOCATION	DESIGNATION
1.	B^+ 115V ADJ.	PCB - MAIN	VR901
2.	HOR. WIDTH PRESET	PCB - MAIN	VR902
3.	B^+ 16V ADJ.	PCB - MAIN	VR851
4.	F/V ADJ.	PCB - MAIN	VR852
5.	VERT. SUB-HEIGHT	PCB - MAIN	VR602
6.	VERT. LINEAR	PCB - MAIN	VR601
7.	VERT. CENTER PRESET	PCB - MAIN	VR606
8.	VERT. BLANKING PULSE WIDTH	PCB - MAIN	VR603
9.	HOR. PINCUSHION GAIN	PCB - MAIN	VR608
10.	HOR. PINCUSHION PHASE	PCB - MAIN	VR607
11.	HOR. HOLD FOR MODE 5	PCB - MAIN	VR855
12.	HOR. HOLD FOR MODE 6	PCB - MAIN	VR802
13.	HOR. PHASE PRESET FOR MODE 3	PCB - MAIN	VR854
14.	HOR. PHASE PRESET FOR MODE 6	PCB - MAIN	VR801
15.	RASTER CENTER	PCB - MAIN	VR805
16.	SUB-BRIGHTNESS	PCB - MAIN	VR804
17.	FAIL SAFE ADJ.	PCB - MAIN	VR803
18.	R.G.B. BIAS	PCB - VIDEO	VR703, 704, 705
19.	R.G.B. GAIN	PCB - VIDEO	VR710, 720, 730
20.	CONTRAST CONTROL	VR ASS'Y	VR701
21.	BRIGHTNESS CONTROL	VR ASS'Y	VR858
22.	HOR. CENTER CONTROL	VR ASS'Y	VR857
23.	HOR. SIZE CONTROL	VR ASS'Y	VR856
24.	VERT CENTER CONTROL	VR ASS'Y	VR605
25.	VERT SIZE CONTROL	VR ASS'Y	VR604

5–3 ADJUSTING THE FRONT CONTROLS

1. POWER SWITCH
   Used to turn power ON or OFF, when the power is ON, the power indicator is lit.

2. CONTRAST CONTROL
   Adjusts the display to the contrast preferred by the user.

3. BRIGHTNESS CONTROL
   Used to adjust the picture brightness of the screen.

4. H-CENTER CONTROL
   Adjustment for proper horizontal position of the display.

5. H-SIZE CONTROL
   Adjustment for the proper horizontal size of the display.

6. V-CENTER CONTROL
   Adjustment for proper vertical position of the display.

7. V-SIZE CONTROL
   Adjustment for proper vertical size of the display.

5–4 ALIGNMENT PROCEDURE

Adjustment conditions and precautions:

1. Power supply voltage: AC 90 ~ 264V, 50/60 Hz.

2. Warm up time.
   The display must be on for at least 20 minutes before starting alignments. This is especially critical in color temperature and white balance adjustments.

3. Signals (see p.3, detail specifications & timing).
   Video: Analog 0.7 Vpp, 75Ω, positive
   video: 0.7 Vpp
   synchronizing: TTL level negative/positive.

1. Main Adjustments

Settings of the Controls (Receive Mode 3 Signal)

CONTRAST (VR701)	:	Max
BRIGHTNESS (VR858)	:	Center click position
H-CENTER (VR857)	:	Center click position
H-SIZE (VR856)	:	Center click position
V-CENTER (VR605)	:	Center click position
V-SIZE (VR604)	:	Center click position

2. Switching Regulator Unit (Receive Mode 3 Signal (31K)).

(1) Video B^+ (TP901 – GND Voltage)
Adjust VR901 to be 105 VDC (or 115 VDC) — see Note 1.

(2) Variable B^+ (TP902 – GND Voltage)
Adjust VR902 to be 65.5 VDC (Rough Adjustment)

(3) 16V B^+ (TP851 – GND Voltage)
Adjust VR851 to be 16 VDC

(4) F/V (TP852 – GND Voltage)
Adjust VR852 to be 8.35 VDC

(5) G1 B^+ SUB-BRIGHTNESS (CRT PIN 5 – GND Voltage) Make Sure that the BRIGHTNESS is centered.
Adjust VR804 to be 1. -27VDC (or -20VDC) FOR PHILIPS CRT. See Note 2.
2. -32VDC (or -25VDC) FOR TOSHIBA & HITACHI CRT. See Note 2.

(6) Fail Safe (TP802 – GND Voltage)
Adjust VR803 to be 8.0 VDC

NOTE: After performing this adjustment, parallel a 10k ohm ¼W resistor with TP805 and TP806. The fail safe circuit shall be operated and power off immediately.

Note: 1. T901, 80A527-2-C DATE CODE 9135 (BEFORE)
T901, 80A527-2-L DATE CODE 9130 (BEFORE)
} Adjust VR901 to be 105 VDC

T901, 80A527-2-C DATE CODE 9135 (AFTER & INCLUDE)
T901, 80A527-2-L DATE CODE 9130 (AFTER & INCLUDE)
} Adjust VR901 to be 115 VDC

2. T901, 80A527-2-C DATE CODE 9135 (BEFORE)
T901, 80A527-2-L DATE CODE 9130 (BEFORE)
} Adjust VR804 to be: a. – 27VDC FOR PHILIPS CRT
b. – 32VDC FOR TOSHIBA & HITACHI CRT

T901, 80A527-2-C DATE CODE 9135 (AFTER & INCLUDE)
T901, 80A527-2-L DATE CODE 9130 (AFTER & INCLUDE)
} Adjust VR804 to be: a. – 20VDC FOR PHILIPS CRT
b. – 25VDC TOSHIBA & HITACHI CRT

3. Adjustment of Horizontal Hold, Raster Centering, Horizontal Width, Horizontal Phase and Side Pincushion.

(1) H-HOLD

a. Create a short circuit between TP801 (or C801) and GND.

b. During reception of mode 6 signal (48K), adjust VR802 till the image are vertical and not slanting to left or right.

c. During reception of mode 5 signal (35K), adjust VR855 till the image are vertical and not slanting to left or right.

(2) RASTER CENTERING

Adjust the screen VR and BRIGHTNESS VR so that the back raster are faintly illuminated, then adjust VR805 to be centered on the CRT screen.

(3) H-WIDTH (Receive Mode 6 signal (48K)).

a. Make sure that the H-SIZE (VR856) is centered.

b. Use VR902 to adjust the horizontal size to 247 mm.

(4) H-PHASE (Centering adjustment of raster)

a. Make sure that the H-CENTER (VR857) is centered.

b. During reception of mode 3 signal (31K), use VR854 to adjust the image to center of raster.

c. During reception of mode 6 signal (48K), use VR801 to adjust the image to center of raster.

(5) SIDE PINCUSHION (Receive Mode 6 signal (48K), crosshatch pattern)

Use VR607 so that the symmetry SIDE PINCUSHION is obtained, than adjust VR608 for straight vertical lines on both sides.

4. Adjustment of Vertical Linearity, Vertical Centering, Vertical Blanking and Vertical Height.

(1) VERTICAL LINEARITY (Receive mode 3 signal (31K) crosshatch pattern)

Adjust VR601 so that the top and botton linearity is equal.

(2) VERTICAL CENTERING (Receive mode 3 signal (31K) crosshatch pattern).

a. Make sure that the V-CENTER (VR605) is centered.

b. Adjust VR606 to center of the picture vertically.

(3) VERTICAL BLANKING (Receive mode 3 signal (31K) crosshatch pattern)

a. To connect the oscilloscope to TP601.

b. Adjust VR603 until the blanking pulse width is equal to 460 μs.

(4) VERTICAL HEIGHT (Receive mode 6 signal (48K) crosshatch pattern)

a. Make sure that the V-SIZE (VR604) is centered.

b. Use VR602 to adjust the vertical size to 187 mm.

5. Adjustment White Balance

(1) Initial set up

a. Disable the video input signal

b. H-CENTER (VR857), H-SIZE (VR856), V-SIZE (VR604), VR710, VR720, and VR730 set to middle position.

c. BRIGHTNESS (VR858) and CONTRAST (VR701) set to max.

d. VR703, and VR704 set fully to the left.

e. VR705 set fully to the right — For the 715A485-1/2 VIDEO P.C.B.
VR705 set fully to the left — For the 715A485-3 VIDEO P.C.B.

f. Set shall be warm up more than 15 minutes.

(2) Cutoff Adjustment

a. Turn the screen control (G_2) clockwise gradually and check which color is appear first.

b. Use this color as the reference color for the cutoff adjustment. (Normally used green Kathode CRT PIN 6, VR703).

c. Connect the Kathode (CRT PIN 6, 8 or 11) of the reference color, use a DC voltage metter.

d. Turn cutoff VR (VR703, 704 or 705) of that reference color to be 83VDC (or 89VDC) – See Note 1.

e. Use a color analyzer (MINOLTA TV-2130), adjust the other two cutoff VR'S (except the reference cutoff VR) for a white raster corresponding to a color temperature of 9300°K (See Note 2), readjustment the screen (G_2) so that the luminance is 1.8 F/L (Foot-Lambert).

Note 1. T901, 105V: Adjust the cutoff VR SO that reference color to be 83VDC.
T901, 115V: Adjust the cutoff VR SO that reference color to be 89VDC.

Note 2. Color Temperature 9300°K Center x = 0.281 ± 15
y = 0.311 ± 15
Y = 1.8 (Luminance Value)

(3) Gain Adjustment

a. Receive the color bar pattern of mode 3 signal.

b. Use an oscilloscope, connect the CRT PIN 6 to GND, adjust the VR720 so that the video amplitude is 42 Vpp.

c. Change the pattern to flat white field, turn BRIGHTNESS (VR858) to minimun.

d. Use a color analyzer (MINOLTA TV-2130), adjust CONTRAST (VR701) so that the luminance is 4 ± 0.2 F/L (Foot-Lambert).

e. Adjust the other two gain VR's (VR710, 730) for a white video corresponding to a color temperature of 9300° K.

f. After adjustment, confirm luminance and color temperature value of (2) e and (3) d, e, perform readjustment if necessary.

6. Focus Adjustment

Turn the contrast control to maximum and set the brightness control to a suitable position, adjust the focus control to the optimum position.

7. Purity Adjustment

(a) Be sure that the display is not being exposed to any external magnetic fields.

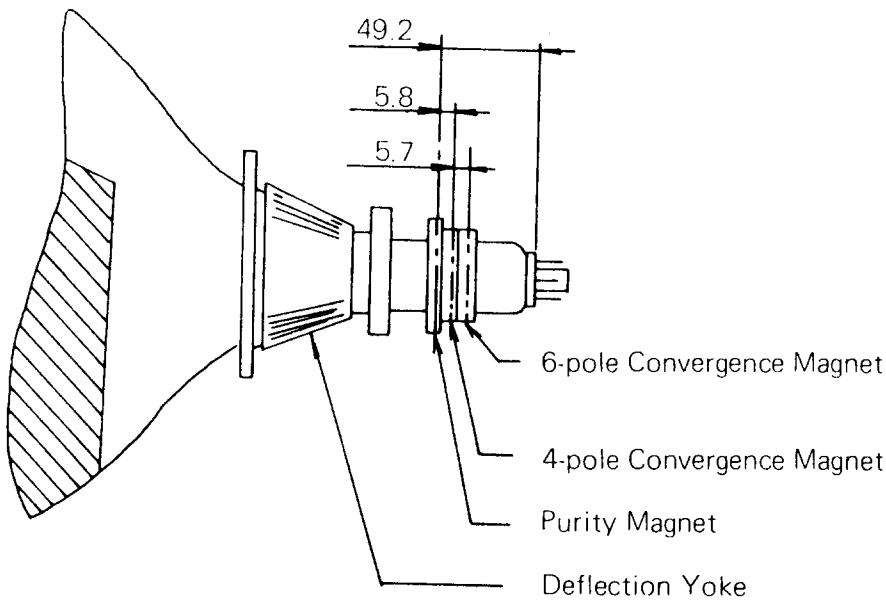
(b) Ensure that the spacing between the Purity, Convergence, Magnet, (PCM), assembly and the CRT stem is 29mm ± 1mm. (See below diagram)

(c) Produce a complete, red pattern on the display. Adjust the purity magnet rings on the PCM assembly to obtain a complete field of the color red. This is done by moving the two tabs in such a manner that they advance in an opposite direction but at the same time to obtain the same angle between the two tabs, which should be approximately 180'.

(d) Check the complete blue and complete green patterns to observe their respective color purity. Make minor adjustments if needed.

RELATIVE PLACEMENT OF TYPICAL COMPONENTS

Dimensions in mm



8. Convergence Adjustment

(a) Produce a magenta crosshatch on the display.

(b) Adjust the focus for the best overall focus on the display.
Also adjust the brightness to the desired condition.

(c) Vertical red and blue lines are converged by varying the angle between the two tabs of the 4 pole magnets on the PCM assembly.

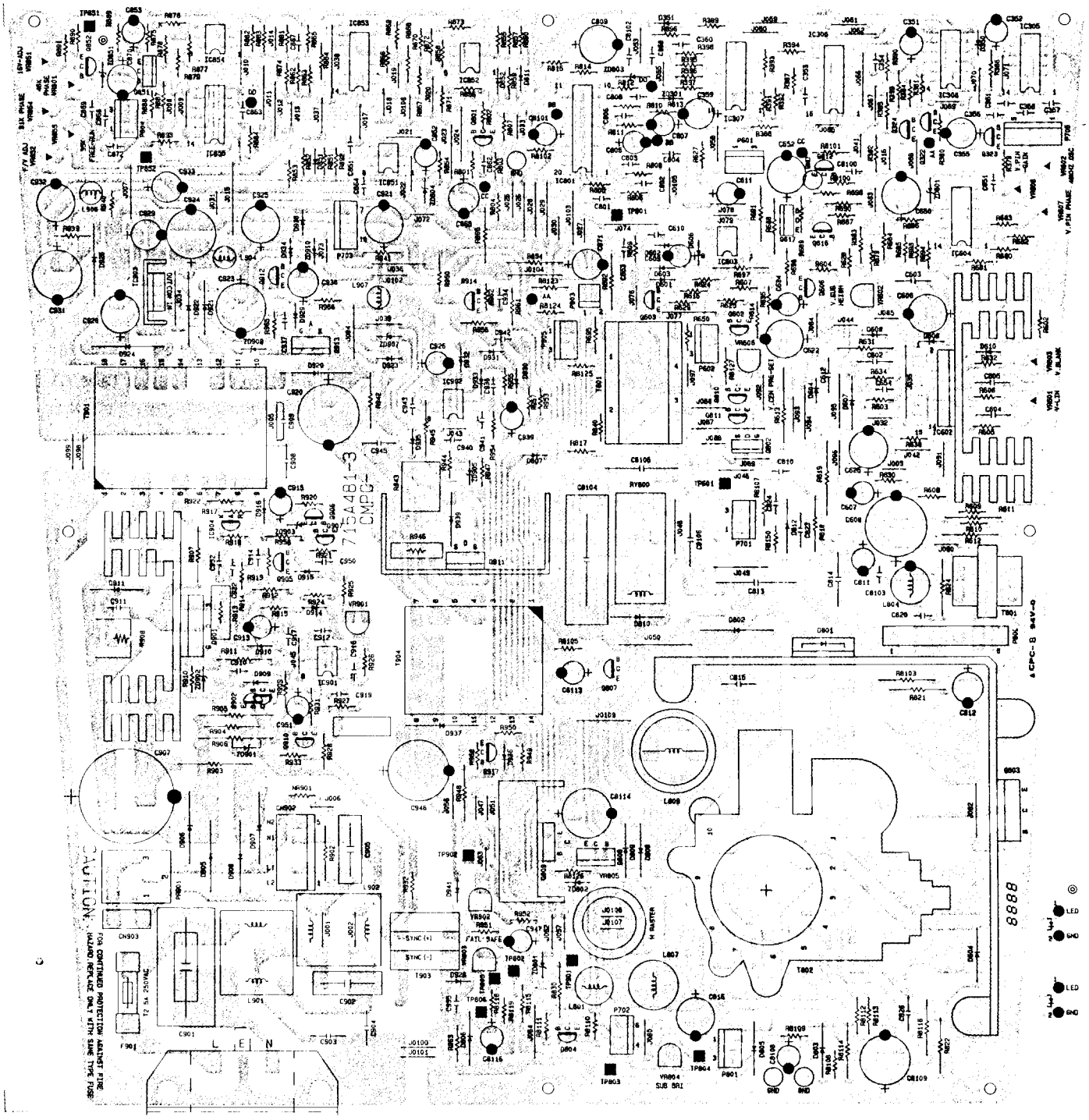
(d) Horizontal red and blue lines are converged by varying the two tabs together, keeping the angle between them constant.

(e) Produce a white crosshatch pattern on the display.

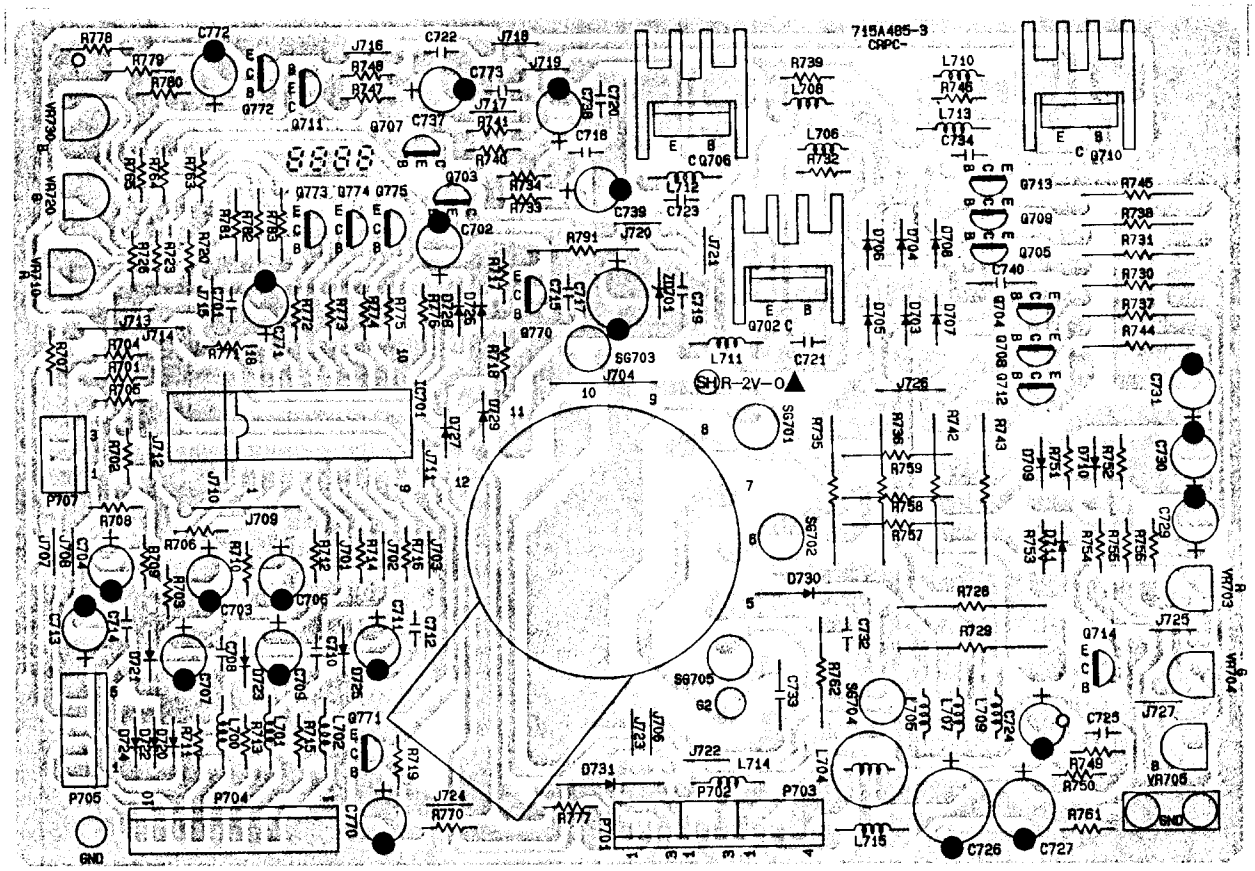
(f) Vertical green and magenta lines are coverged by varying the angle between the two tabs of the 6-pole magnets.

(g) Horizontal green and magenta lines are coverged by varying the two tabs together, keeping the angle between them constant.

NOTE: After above all procedure, receive mode 7 signal (57K), the image is normal not slant. (for CM-337 models only).



6-1 MAIN PCB LAYOUT



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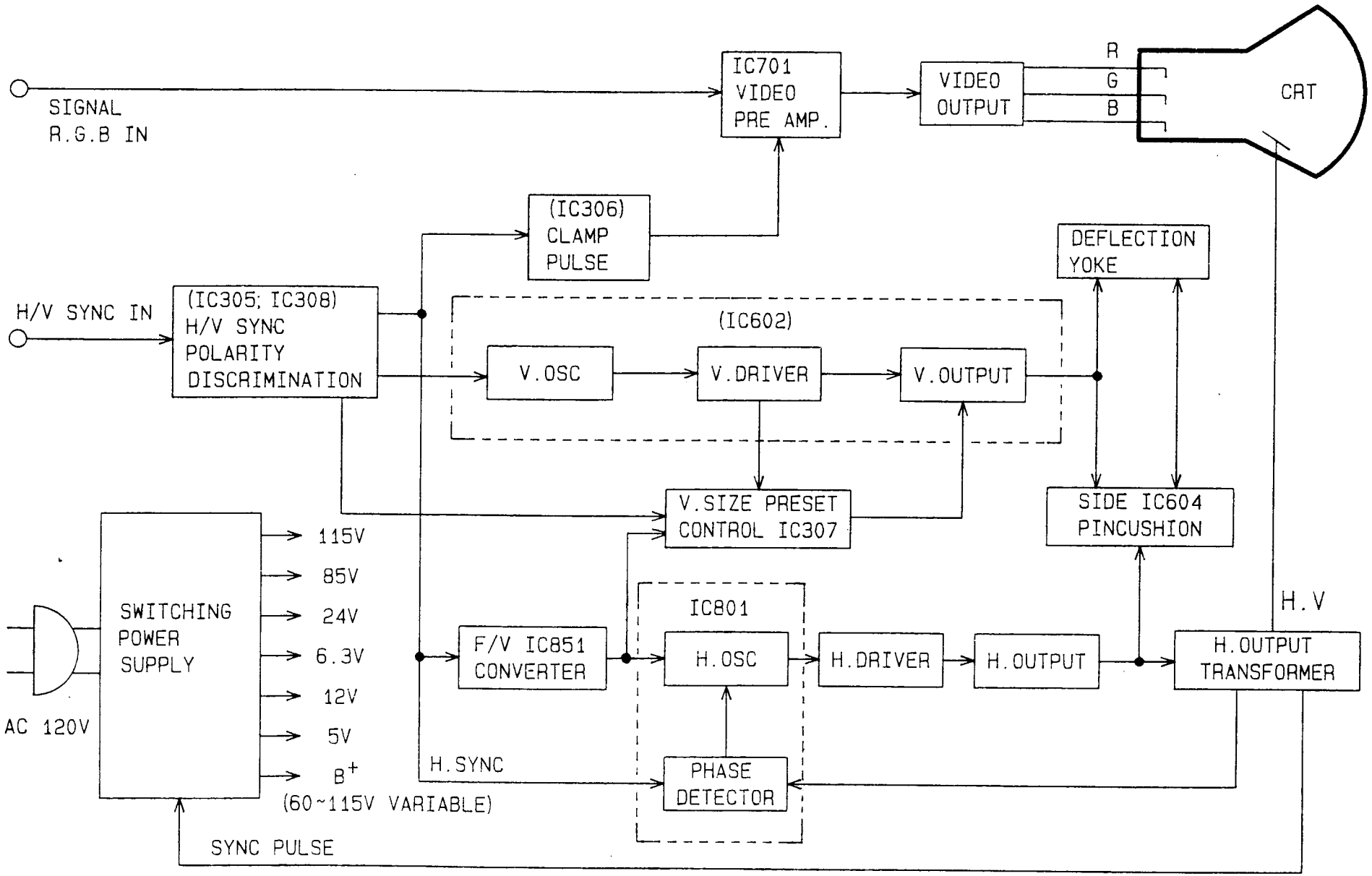
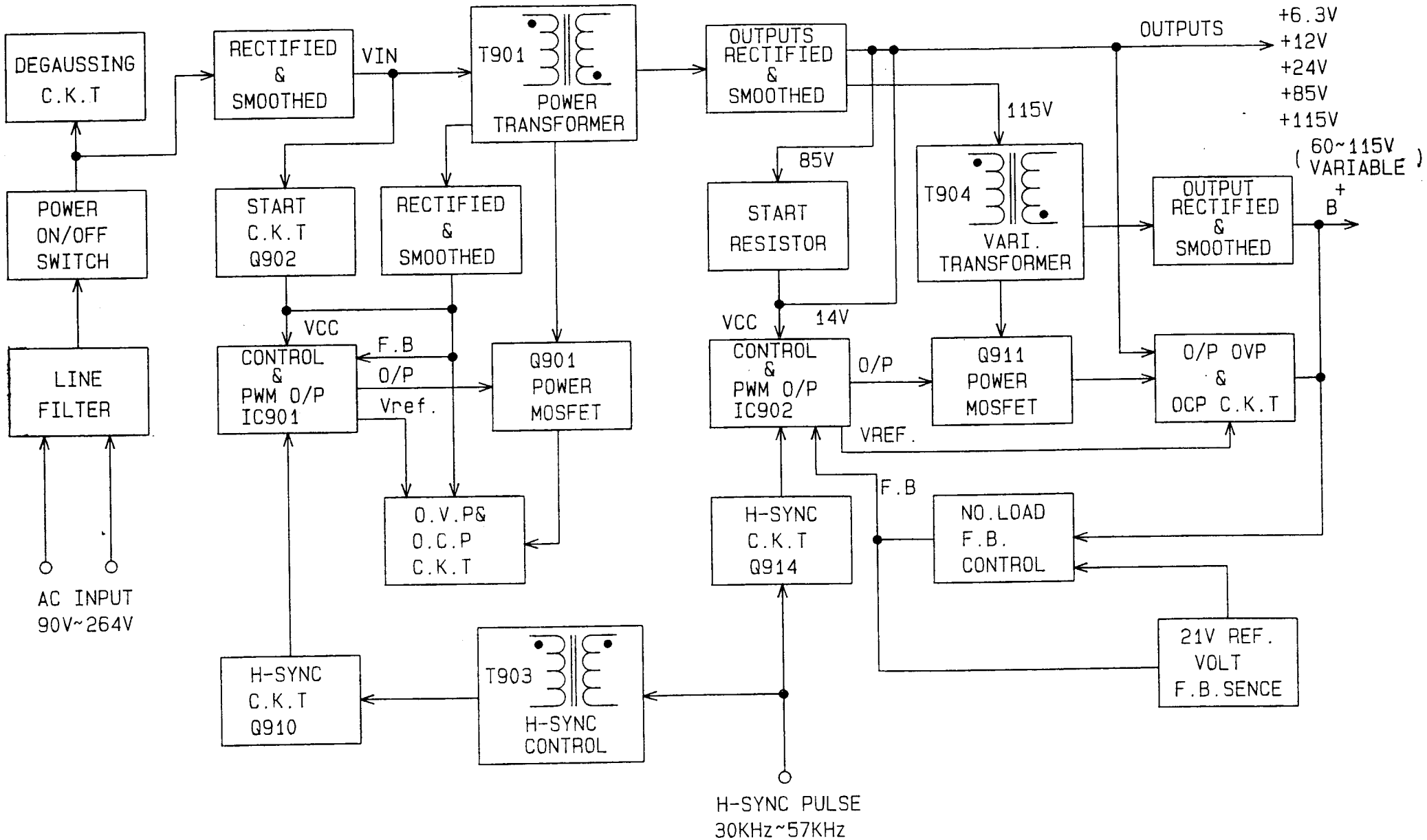
6-2 VIDEO PCB LAYOUT

CM-336/337 BLOCK DIAGRAM (VIDEO VERT & HORI) ORI)

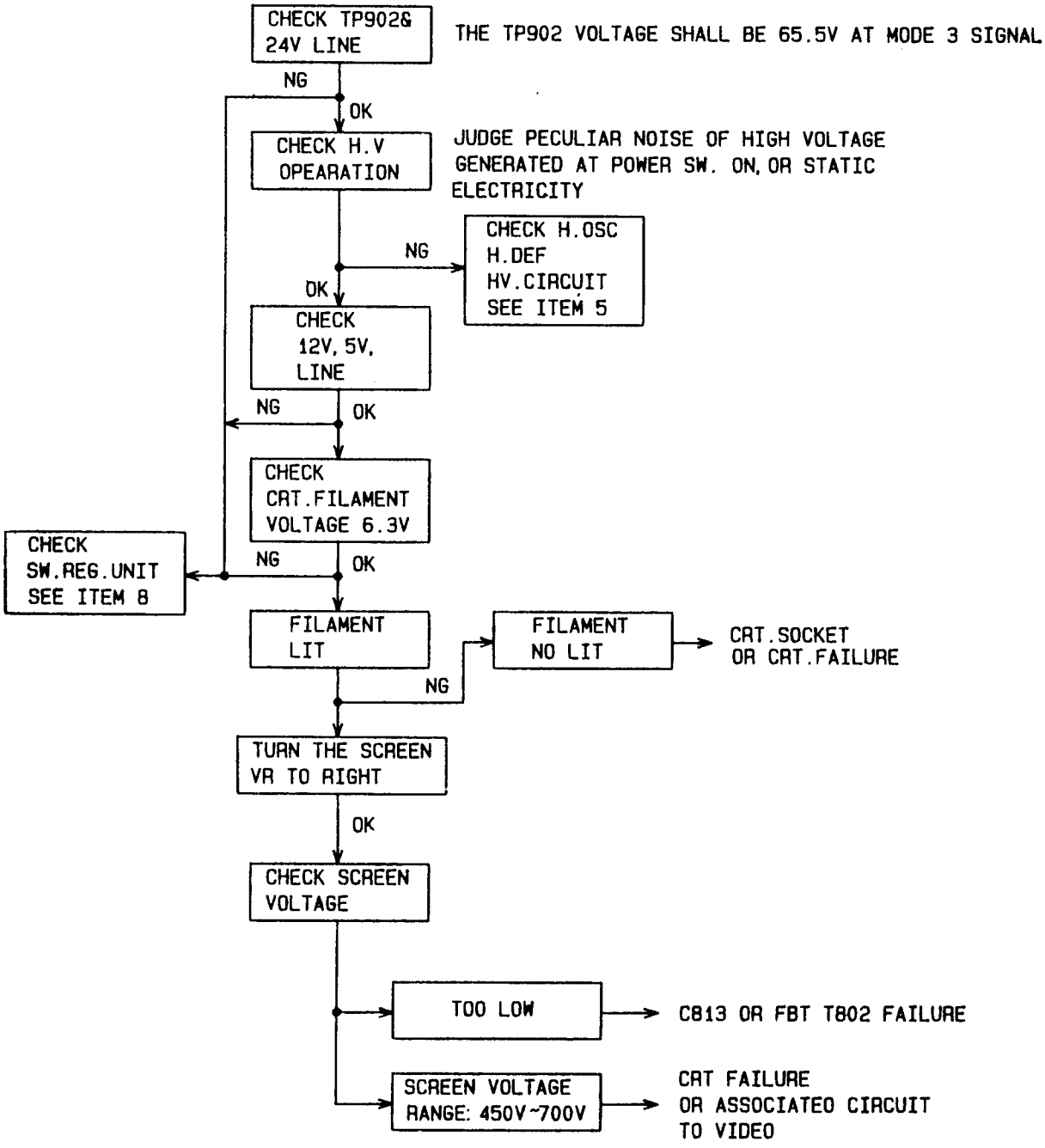


CM-336/337 BLOCK DIAGRAM (SMPS)

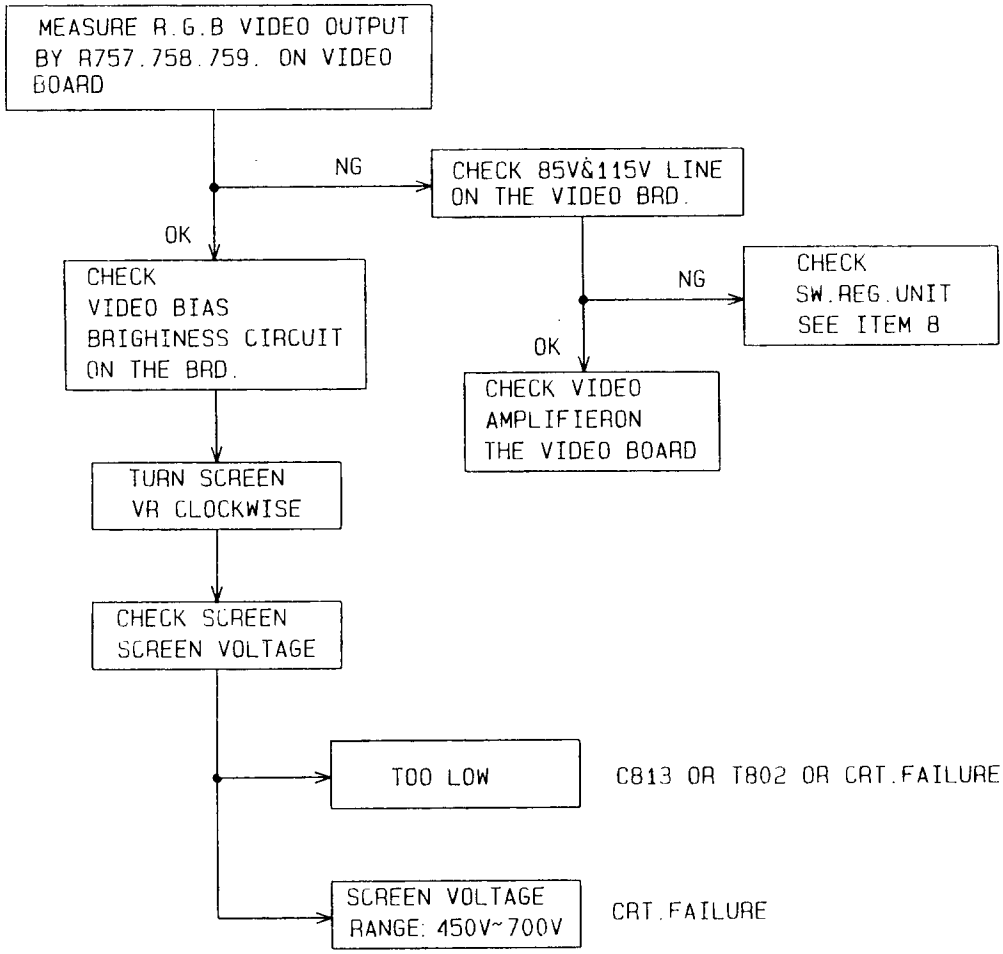


8. TROUBLE SHOOTING

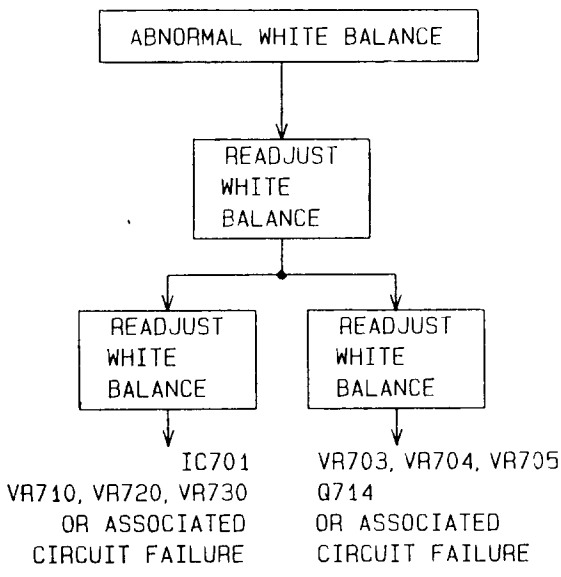
8-1 NO RASTER TROUBLE SHOOTING



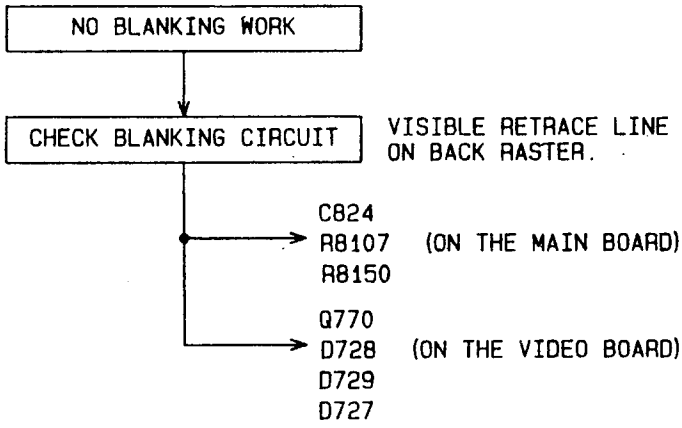
8-2 ABNORMAL VIDEO ON CRT SCREEN



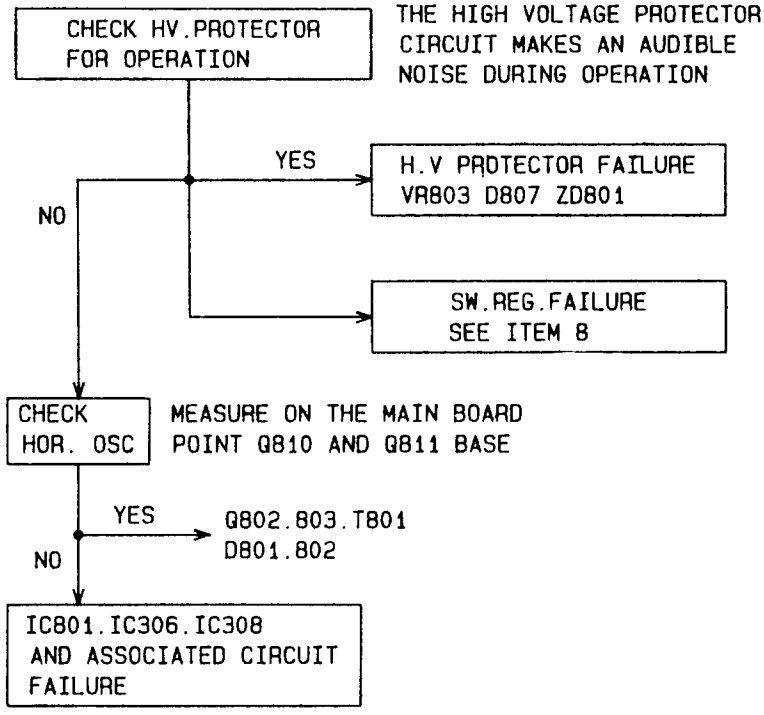
8-3 ABNORMAL WHITE BALANCE


ABNORMAL WHITE BALANCE
READJUST WHITE BALANCE
READJUST WHITE BALANCE
READJUST WHITE BALANCE
IC701 VR710, VR720, VR730 OR ASSOCIATED CIRCUIT FAILURE
VR703, VR704, VR705 Q714 OR ASSOCIATED CIRCUIT FAILURE

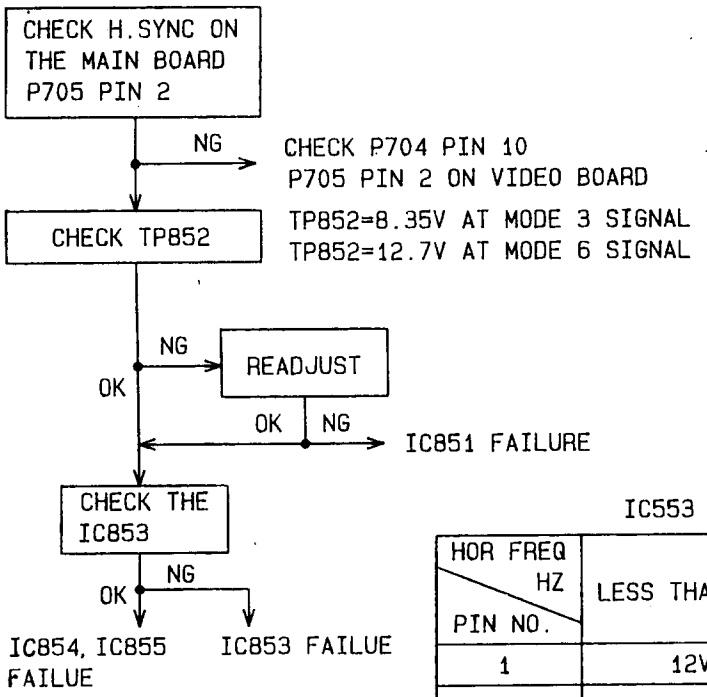
8-4 NO BLANKING WORK



8-5 H. OSC/DEF/HV CIRCUIT FAULT



8-6 F/V CONVERTER AND ASSOCIATED CIRCUIT

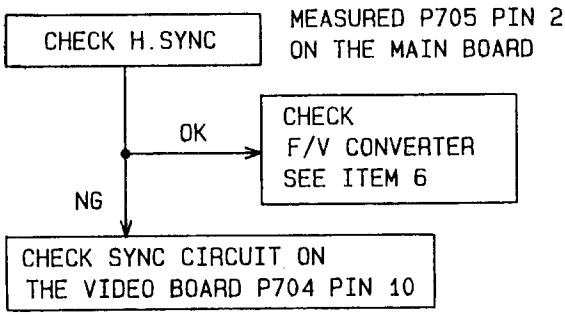


IC553

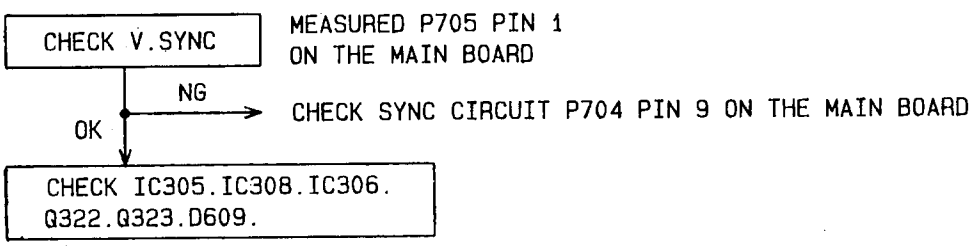
HOR FREQ / HZ / PIN NO.	LESS THAN 40K	MORE THAN 40K	LESS THAN 33K	MORE THAN 33K
1	12V	0		
2			0	16V
13			0	16V
14	16V	0		

8-7 UNSTABLE SYNCHRONIZATION

HORIZONTAL


CHECK H.SYNC
MEASURED P705 PIN 2 ON THE MAIN BOARD
OK
CHECK F/V CONVERTER SEE ITEM 6
NG
CHECK SYNC CIRCUIT ON THE VIDEO BOARD P704 PIN 10

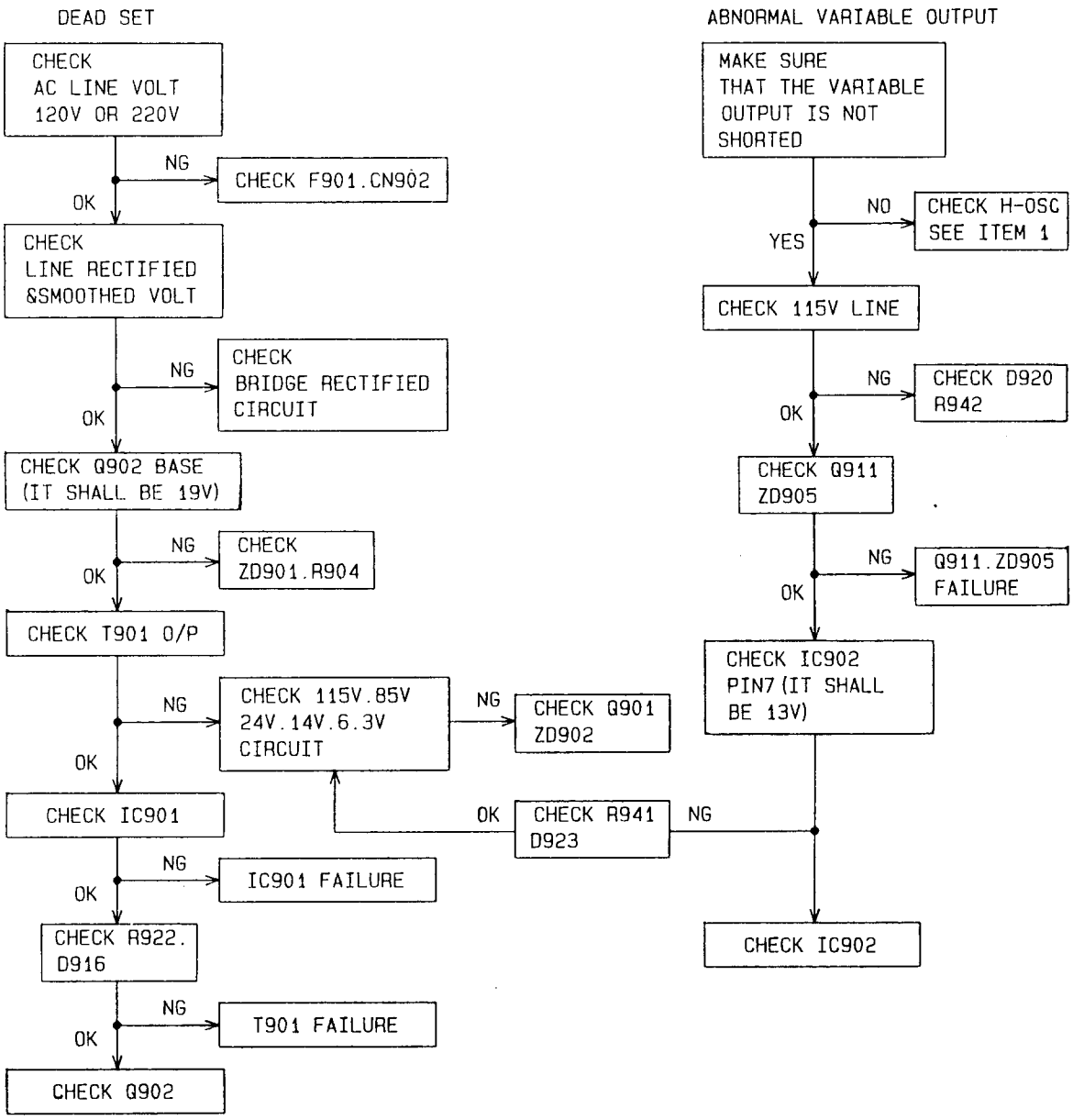
VERTICAL

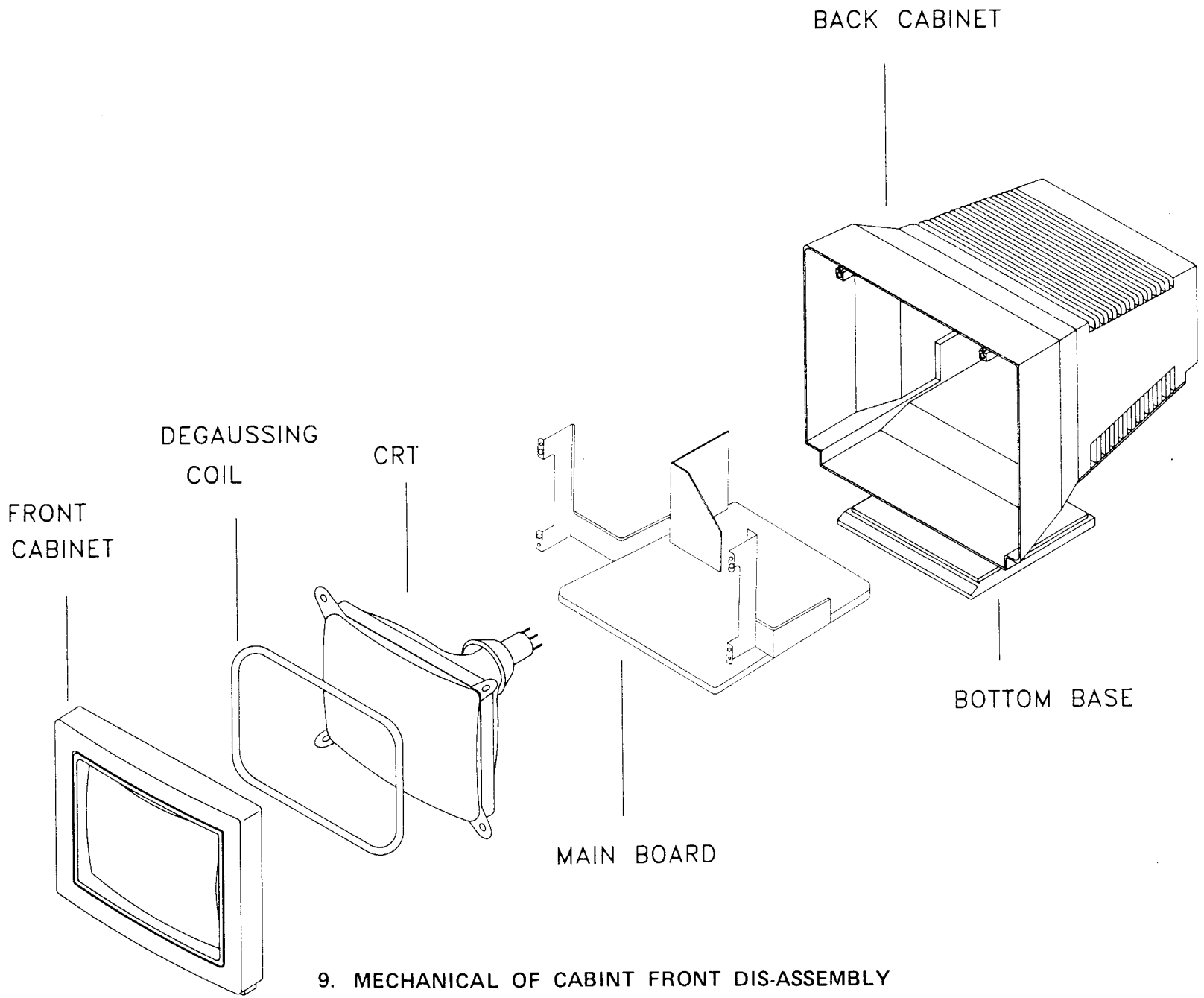

CHECK V.SYNC
MEASURED P705 PIN 1 ON THE MAIN BOARD
NG
CHECK SYNC CIRCUIT P704 PIN 9 ON THE MAIN BOARD
OK
CHECK IC305.IC308.IC306. Q322.Q323.D609.

8-8 POWER SUPPLY TROUBLE SHOOTING CHART

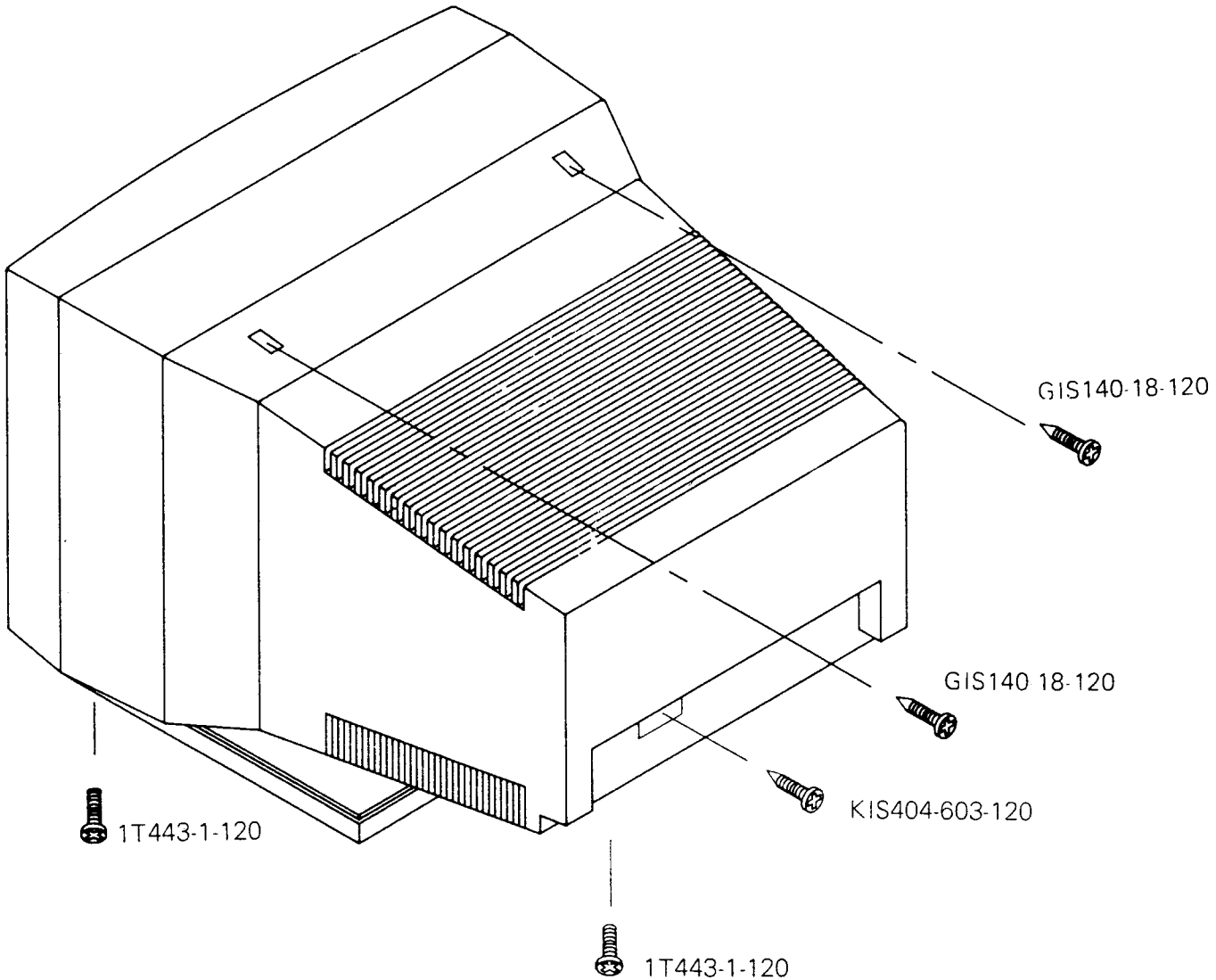
BEFORE CHECK SW. REG. PLEASE REFER TO THE POWER SUPPLY BLOCK DIAGRAM

POWER SUPPLY OUTPUT: (A) VARIABLE OUTPUT: 55V ~130V
(DEPENDING UPON H.SYNC FREQUENCY)
(B) CONSTANT OUTPUT: 5V, 6.3V, 12V, 24V, 85V, 115V

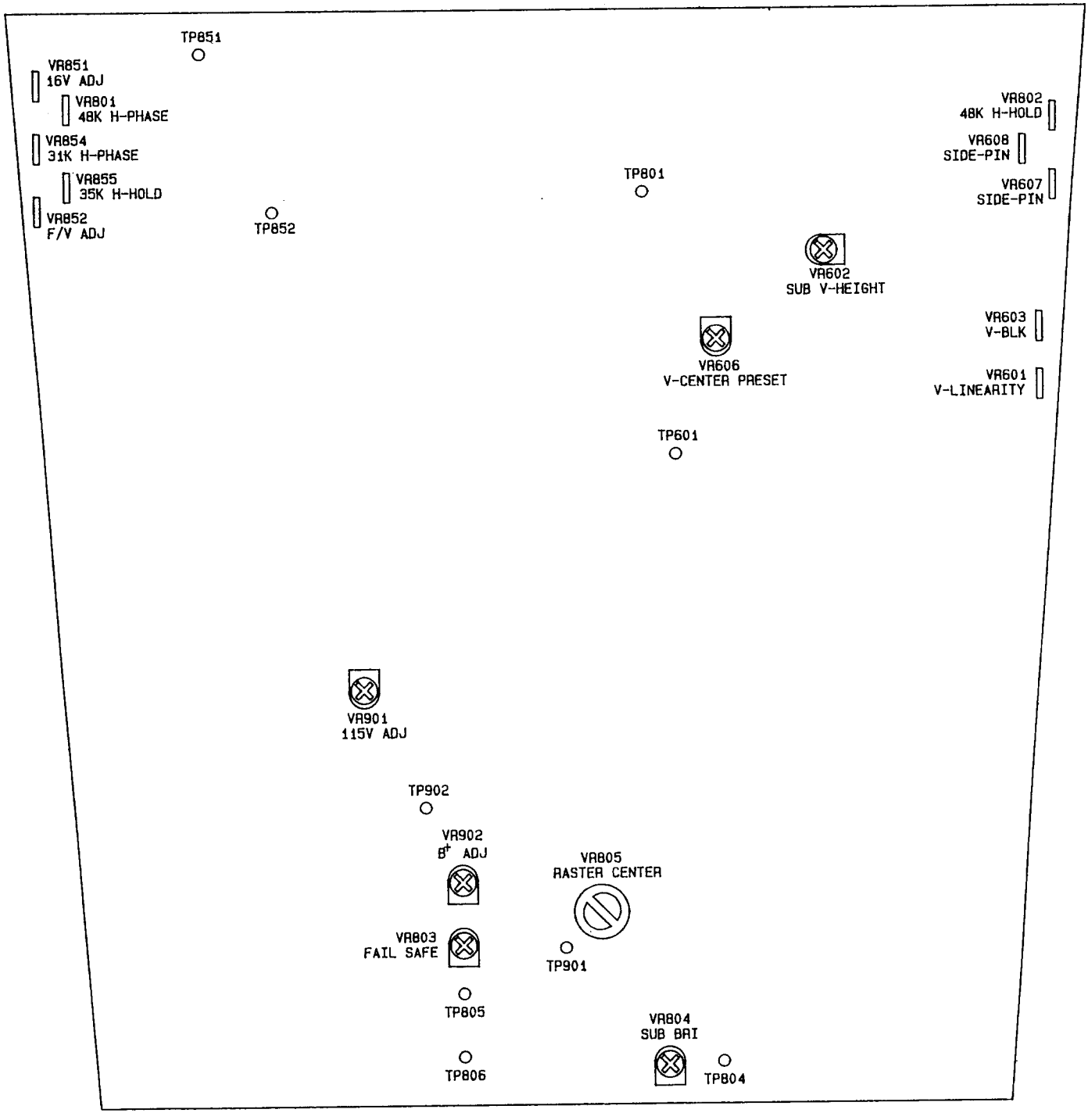


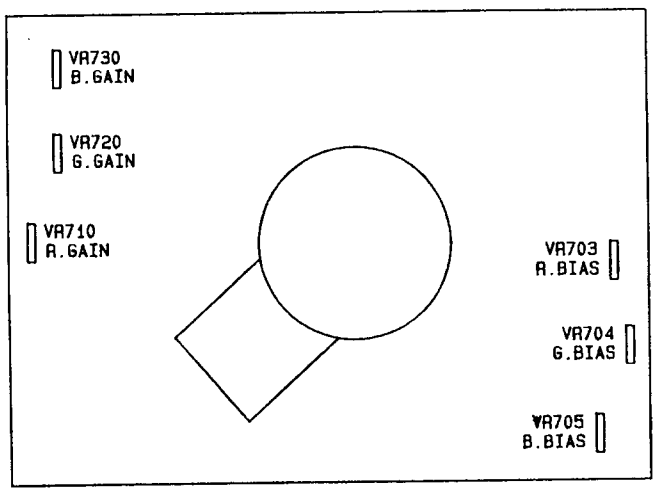


9. MECHANICAL OF CABINT FRONT DIS-ASSEMBLY



9–1 MECHANICAL DIS-ASSEMBLY





10. LOCATION OF ADJUSTMENT VR. (VARIABLE RESISTOR) OF P.C.B.

PARTS LIST OF CABINET

APPL.	R336UABAC	R336UADAC	R336UAGAC	R336UAKAC	SPECIFICATION
	CMC-336B	CMC-336D	CMC-336	CMC-336K	CHAS
	1T 443- 1-120	1T 443- 1-120	1T 443- 1-120	1T 443- 1-120	M4 × 13
	1T 452- 3-120	1T 452- 3-120	1T 452- 3-120	1T 452- 3-120	M5 SCREW SPECIAL
	1T 493- 1-	1T 493- 1-	1T 493- 1-	1T 493- 1-	SCREW
	2T 208- 1- 47	2T 208- 1- 47	2T 208- 1- 47	2T 208- 1- 47	TERNEPLATE
	5B 38- 8-	5B 38- 3-	5B 38- 8-	5B 38- 8-	RUBBER WASHER
	12T 325- 2-	12T 325- 2-	12T 325- 2-	12T 325- 2-	RUBBER
	19B 403- 5-	19B 403- 5-	19B 403- 5-	19B 403- 5-	STEEL
	19B 534- 1-	19B 534- 1-	19B 534- 1-	19B 534- 1-	SPRING
	23T 3155- 32-	23T 3155- 32-	23T 3155- 32-	23T 3155- 32-	PVC
	23T 3166- 1-	23T 3166- 1-			OVERLAY AC SOCKET
	26A 800- 4- 2	26A 800- 4- 2	26A 800- 4- 2	26A 800- 4- 2	BAR-CODE (PINK)
	33T 3492- 1-	33T 3492- 1-	33T 3492- 1-	33T 3492- 1-	BASE FASTENER
	34E 492- 7- A	34E 492- 7- A			A.B.S. PLASTIC
			34E 492- 7- AL		ABS PLATIC
				34E 492- 16- A	A.B.S. PLASTIC
	34E 493- 6- A	34E 493- 6- A		34E 493- 6- A	A.B.S. PLASTIC
			34E 493- 6- AL		ABS PLASTIC
	34E 500- 1- A	34E 500- 1- A		34E 500- 1- A	ABS PLASTIC
			34E 500- 1- AL		ABS PLASTIC
	34E 501- 1- A	34E 501- 1- A		34E 501- 1- A	ABS PLASTIC
			34E 501- 1- AL		ABS PLASTIC
				40 153- 3- 1	LABEL
	40A 153- 48- 3	40A 153- 48- 3	40A 153- 48- 3	40A 153- 48- 3	CSA WARNING LABEL
	40A 154- 14-	40A 154- 14-	40A 154- 14-	40A 154- 14-	CRT WARNING LABEL
	40A 155-592-	40A 155-592-	40A 155-592-		CABT LABEL
				40A 155-601-	ID LABEL
	40A 575- 37-	40A 575- 37-			ID LABEL
	40A 575- 41-	40A 575- 41-			GS LABEL
	40A 590- 52-				X-RAY LABEL
					FTZ LABEL
	41A 68-123-			41A 68- 36- 1	LIMITED WARRANTY
					FTZ STATEMENT
				41A 70- 7- 3	15.5 × 10.7
				41A 71- 27-	SAFETY INSTRUCTION
			41A 401-614-		OWNER'S MANUAL
			41A 401-614- 1	41A 401-614- 1	OWNER'S MANUAL
	41A 401-629-	41A 401-629-			OWNER'S MANUAL
	44T 3104- 1-	44T 3104- 1-	44T 3104- 1-	44T 3104- 1-	EPS
	44T 3104- 2-	44T 3104- 2-	44T 3104- 2-	44T 3104- 2-	EPS
	44T 3104-116-	44T 3104-116-	44T 3104-116-	44T 3104-116-	CARTON
	44T 3121- 4-	44T 3121- 4-	44T 3121- 4-	44T 3121- 4-	SPONGE
	45C 76- 28-	45C 76- 28-	45C 76- 28-	45C 76- 28-	POLY BAG
	45C 88- 1-	45C 88- 1-	45C 88- 1-	45C 88- 1-	PE BAG
	50S 102- 5-	50S 102- 5-	50S 102- 5-	50S 102- 5-	PLASTIC
	50S 103- 2-	50S 103- 2-	50S 103- 2-	50S 103- 2-	PLASTIC TIE
	51A 2- 11-	51A 2- 11-	51A 2- 11-	51A 2- 11-	HOT MELT GLUE
	52D 1-185- 1	52D 1-185- 1	52D 1-185- 1	52D 1-185- 1	TAPE
⚠	85T 455- 1-			85T 455- 1-	SHIELD COVER
⚠	85T 456- 1-	85T 456- 1-	85T 456- 1-	85T 456- 1-	SHIELD BOTTOM
				89A 171- 20-	POWER CORD
	89A 498- 1-	**89A 498- 1-**	**89A 498- 1-**		**POWER CORD (VDE)**
	95A 91-205- 1	95A 91-205- 1	95A 91-205- 1	95A 91-205- 1	UL1015&COPPER WIRE
	95A 704- 6-	95A 704- 6-		95A 704- 6-	UL1032/1015#22 WIRE
	95A207T- 30-04T			95A207T- 30-04T	95S207-30 4"
	G1S 140- 18-120	G1S 140- 18-120	G1S 140- 18-120	G1S 140- 18-120	4MM × 18 STEEL
⚠	K1S 401-805-120	K1S 401-805-120	K1S 401-805-120	K1S 401-805-120	#8 × 5/8
⚠	K1S 404-603-120	K1S 404-603-120	K1S 404-603-120	K1S 404-603-120	#6 × 3/8
	700A 336- 1K-	700A 336- 1D-	700A 336- 1-	700A 336- 1K-	VR ASSY
	705A 336-C89- 7	**705A 336-C89- 8**	**705A 336-C89- 8**	**705A 336-C89- 7**	**HOUSING ASSY**
			705A1697- 50- 2	**750A1697- 50- 2**	**DEG.235 × 305MM**
	750A1697- 61- 2	**750A1697- 61- 2**			**DEG.TUV 235 × 305MM**
	750A1697- 61- 9	**750A1697- 61- 9**			**DEG.TUV 235 × 305MM**
	750A5600- 5-	**750A5600- 5-**	**750A5600- 5-**	**750A5600- 5-**	**14" N.G. 0.28MM CDT**
	750A5620- 5-	**750A5620- 5-**	**750A5620- 5-**	**750A5620- 5-**	**14" N.G. 0.28MM CDT**
	750A5630- 5-	**750A5630- 5-**	**750A5630- 5-**	**750A5630- 5-**	**14" N.G. 0.28MM CDT**

PARTS LIST OF VR CONTRAL ASS'Y

APPL.	700 336- 1-	700 336- 1D-	700 336- 1K-	SPECIFICATION
	15T5499- 4-	15T5499- 4-	15T5499- 4-	BRACKET

APPL.	700 336- 1-	700 336- 1D-	700 336- 1K-	SPECIFICATION
	33T3496- 1-	33T3496- 1-	33T3496- 1-	ABS PLASTIC
	50S 102- 5-	50S 102- 5-	50S 102- 5-	PLASTIC
	89A7209- 3-	89A7209- 3-	89A7209- 3-	89A209-1&HOUSING ASS
	89A7209- 3- 1	89A7209- 3- 1	89A7209- 3- 1	89A209-1&HOUS.ASSY
			89A8208- 1-	89A208-2&CORE ASSY
	95A8013- 3-	95A8013- 3-	95A8013- 3-	95S203-73/75/71 L:8"
	95A8013- 3- 1	95A8013- 3- 1	95A8013- 3- 1	95S203-70/72 L:11"
	95A8013- 3- 2	95A8013- 3- 2		95S203-74/75/76 L:18"
	95A8013- 3- 3	95A8013- 3- 3	95A8013- 3- 3	95S203-77/78/79 L:18"
VR604	75A 348-203-43B	75A 348-203-43B	75A 348-203-43B	20K OHM + - 20%
VR605	75A 348-203-43B	75A 348-203-43B	75A 348-203-43B	20K OHM + - 20%
VR701	**75A 348-103-23B**	**75A 348-103-23B**	**75A 348-103-23B**	**10K OHM + - 20%**
VR856	75A 348-103-43B	75A 348-103-43B	75A 348-103-43B	10KB OHM + - 20%
VR857	75A 348-203-43B	75A 348-203-43B	75A 348-203-43B	20K OHM + - 20%
VR858	**75A 348-104-43B**	**75A 348-104-43B**	**75A 348-104-43B**	100K OHM CONTROL

PARTS LIST OF CHAS

APPL.	CMC-336	CMC-336B	CMC-336D	CMC-336K	SPECIFICATION
	CMPC-336	CMPC-336B	CMPC-336D	CMPC-336K	MAIN BOARD
	CRPC-336	CRPC-336	CRPC-336	CRPC-336	CRT SOCKET BOARD
		15T5358- 1-		15T5358- 1-	ALUMINUM
	15T5546- 1-	15T5546- 1-	15T5546- 1-	15T5546- 1-	FRAME-R
	15T5547- 1-	15T5547- 1-	15T5547- 1-	15T5547- 1-	FRAME-L
				40A 156- 15- 1	WARNING LABEL
	40A 581- 26-011	40A 581- 26-011	40A 581- 26-011	40A 581- 26-011	LABEL/BLANK
	50S 102- 5-	50S 102- 5-	50S 102- 5-	50S 102- 5-	PLASTIC
	52D 1- 179-	52D 1- 179-	52D 1- 179-	52D 1- 179-	ADHESIVE BACK 7MIL
	95A8013- 5-	95A8013- 5-	95A8013- 5-	95A8013- 5-	95S203-50-54
	95A8013- 10- 2	95A8013- 10- 2	95A8013- 10- 2	95A8013- 10- 2	95S203-7 × &3P × 2,4P × 1
	K1S 240- 5-127	K1S 240- 5-127	K1S 240- 5-127	K1S 240- 5-127	M4 × 5 STEEL
	K1S 404- 603-120	K1S 404- 603-120	K1S 404- 603-120	K1S 404- 603-120	#6 × 3/8
	700A 99- 41-	700A 99- 41-	700A 99- 41-	700A 99- 41-	AS REQUEST
	700A 5600- 5- HT	**700A 5600- 5- HT**	**700A 5600- 5- HT**	**700A 5600- 5- HT**	CRT ACCESSORY
	700A 5620- 5- TS	**700A 5620- 5- TS**	**700A 5620- 5- TS**	**700A 5620- 5- TS**	CRT ACCESSORY
	700A 5630- 5- PH	**700A 5630- 5- PH**	**700A 5630- 5- PH**	**700A 5630- 5- PH**	CRT ACCESSORY
				705A 336-C95- 5	SW ASSY
	705A 336-C95- 8	705A 3360-C95- 5	705A 336D-C95- 5		SW ASSY
	705A 336-M81-801	705A 3360-M81-801	705A 336D-M81-801	705A 336-M81-801	LD801 ASSY

DIFFERENT PARTS LIST OF CRT

APPL.	700A5600- 5-HT (HITACHI)	700A5620- 5-TS (TOSHIBA)	700A5630- 5-PH (PHILIPS)	SPECIFICATION
C720	65S 442-151- 1	65S 442-151- 1		150PF J NPO 50V
C720			65S 442-181- 1	180PF J NPO 50V
C8106	**64A 140- 53-64**	**64S 140- 53-64**		**0.027UF + - 5% 400V**
C8106			**64A 140- 54-64**	**0.033UF J 400V**
C813	**63A210J-432-7D**		**63A210J-432-7D**	**0.043UF + - 5% 1600 VH**
C813	**63A211J-432-8F**		**63A211J-432-8F**	**0.043UF + - 5% 2000V**
C813		63A210J-392-7D		0.0039UF + - 5% 1600 VH
C813		63A211J-392-8F		0.0039UF + - 5% 2000V
R830	61S175L-224-64			22QK OHM + - 5% 1/2W
R830		61S175L-274-64		270K OHM + - 5% 1/2W
R830			61S175L-304-64	300K OHM + - 5% 1/2W

PARTS LIST OF SIGNAL CABLE ASS'Y

APPL.	705 336-C89- 7	705 336-C89- 8	SPECIFICATION
	11D 27- 34-	11D 27- 34-	NYLON
	15T5556- 1-		BRACKET
	15T5556- 2-	15T5556- 2-	BRACKET CABLE
	89A 173- 20- 17		CABLE ASSY
		89A 173- 20- 18	CABLE ASSY

PARTS LIST OF SW ASSY

APPL.		705A 336-C95- 5	705A 336-C95- 8	705A336D-C95- 5	SPECIFICATION
			77A 306- 9		POWER SW SPST
		77A 306- 3B-		77A 306- 3B-	4A 250V/6A 125V
			95A3358- 2-		95S205-51×2 16"
				95A3358- 5- 2	95S213-51/56×2 L:16"
		95A3358- 5- 3			95S205-51×2/56×2 16"
			95A3360- 2-		95S205-51×2 16"
				95A3360- 5- 2	95S213-51/56×2 L:16"
		95A3360- 5- 3			95S205-51×2/56×2 166
		96A 29- 6-190	76A 29- 6-190	96A 29- 6-190	H.S.TUBING 4MM

PARTS LIST OF LED ASS'Y

APPL	705A 336-M81-801	705A336D-M81-801	SPECIFICATION
	95A8013- 2- 1		95S203-70/71 L:254MM
		95A8013- 2- 2	95A8013-2-1&96B43-40
LD&01	81A 7- 2-	81A 7- 2-	LED

PARTS LIST OF CRT BOARD

APPL	CRPC-336	SPECIFICATION
	CR336-AI	AUTO INSERTION
	CR336-AIT	AUTO INSERTION
	9S 203- 9-	BRASS
	87A 401- 2-	CRT SOCKET
	705A 336-R57- 702	Q702/702/710 ASSY
	715A 485- 4-	122×163×1.6(MM)
C719	65S 450-104- 4	.1UF +80-20% Z5V 50V
C721	65S 450-104- 4	.1UF +80-20% Z5V 50V
C723	65S 450-104- 4	.1UF +80-20% Z5V 50V
C726	67A 309-330-10M	33UF +-20% 160V
C732	65A 517K-222- 1A	2200PF K Z5F 500V
C733	65A 1M-103- 3B	10000PF M Z5U 1KV
C734	65S 450-104- 4	.1UF +80-20% Z5V 50V
C740	65A 517K-103- 2A	10000PF K Z5P 500V
D731	93A 60- 38- 64	F R D 1A/200V FR103
IC701	56A 501- 1-	18P IC CXA1209P
L700	71A 55- 9-	BEAD 3.5×6.0×0.8
L701	71A 55- 9-	BEAD 3.5×6.0×0.8
L702	71A 55- 9-	BEAD 3.5×6.0×0.8
L704	73A 253- 19-	200UH +-10% 1.0A
L705	73C 145-479-	4.7UH +-10%
L706	73C 145-229-	2.2UH +-10%
L707	73C 145-229-	2.2UH +-10%
L708	73C 145-339-	3.3UH +-10%
L709	73C 145-229-	2.2UH +-10%
L710	73C 145-229-	2.2UH +-10%
L711	71A 55- 9-	BEAD 3.5×6.0×0.8
L712	71A 55- 9-	BEAD 3.5×6.0×0.8
L713	71A 55- 9-	BEAD 3.5×6.0×0.8
L714	71A 55- 9-	BEAD 3.5×6.0×0.8
L715	71A 55- 9-	BEAD 3.5×6.0×0.8
P703	33A 8013- 10-	CONNECTOR 10P PLUG
P704	33A 3276- 10-	10P PLUG/JAE
P705	33A 8013- 5-	CONNECTOR 5P PLUG
P707	33A 3278- 3-	3P PLUG B3B-XHA/JST
Q703	57A 595- 3-	TR.H.F. 2SC2407K/NEC
Q704	57A 509- 1-	TRANSISTOR/2SC3953DE
Q705	57A 535- 1-	TRANSISTOR/2SA1538DE
Q707	57A 595- 3-	TR.H.F. 2SC2407K/NEC
Q708	57A 509- 1-	TRANSISTOR/2SC3953DE
Q709	57A 535- 1-	TRANSISTOR/2SA1538DE
Q711	57A 595- 3-	TR.H.F. 2SC2407K/NEC
Q712	57A 509- 1-	TRANSISTOR/2SC3953DE
Q713	57A 535- 1-	TRANSISTOR/2SA1538DE
R728	61S 153M-272- 59	2.7K OHM 5% 3W

APPL	CRPC-336	SPECIFICATION
R729	61S153M-272- 59	2.7K OHM 5% 3W
R733	61S 172-101- 57	100 OHM 5% 1/4W
R735	61S153M-272- 59	2.7K OHM 5% 3W
R736	61S153M-272- 59	2.7K OHM 5% 3W
R740	61S 172-101- 57	100 OHM 5% 1/4W
R742	61S153M-272- 59	2.7K OHM 5% 3W
R743	61S153M-272- 59	2.7K OHM 5% 3W
R747	61S 172-101- 57	100 OHM 5% 1/4W
SG705	62A 10- 1-	SPARK-GAP
VR703	75A 325-202-	2K OHM + - 20%
VR704	75A 325-202-	2K OHM + - 20%
VR705	75A 325-202-	2K OHM + - 20%
VR710	75A 325-201-	200 OHM + - 20%
VR720	75A 325-201-	200 OHM + - 20%
VR730	75A 325-201-	200 OHM + - 20%

APPL.	CR336-AI	SPECIFICATION
C737	95S 90- 23- A	TIN COATED
C738	95S 90- 23- A	TIN COATED
C739	95S 90- 23- A	TIN COATED
C703	93C 64-11H-52T	DIODE
D704	93C 64-11H-52T	DIODE
D705	93C 64-11H-52T	DIODE
D706	93C 64-11H-52T	DIODE
D707	93C 64-11H-52T	DIODE
D708	93C 64-11H-52T	DIODE
D709	93C 64-11H-52T	DIODE
D710	93C 64-11H-52T	DIODE
D711	93C 64-11H-52T	DIODE
D720	93C 64-11H-52T	DIODE
D721	93C 64-11H-52T	DIODE
D722	93C 64-11H-52T	DIODE
D723	93C 64-11H-52T	DIODE
D724	93C 64-11H-52T	DIODE
D725	93C 64-11H-52T	DIODE
D726	93C 64-11H-52T	DIODE
D727	93C 64-11H-52T	DIODE
D728	93C 64-11H-52T	DIODE
D729	93C 64-11H-52T	DIODE
D730	93D 60- 21-52T	FRD 1.5A 500V
J701	95S 90- 23- A	TIN COATED
J702	95S 90- 23- A	TIN COATED
J703	95S 90- 23- A	TIN COATED
J704	95S 90- 23- A	TIN COATED
J706	95S 90- 23- A	TIN COATED
J707	95S 90- 23- A	TIN COATED
J708	95S 90- 23- A	TIN COATED
J709	95S 90- 23- A	TIN COATED
J710	95S 90- 23- A	TIN COATED
J711	95S 90- 23- A	TIN COATED
J712	95S 90- 23- A	TIN COATED
J713	95S 90- 23- A	TIN COATED
J714	95S 90- 23- A	TIN COATED
J715	95S 90- 23- A	TIN COATED
J716	95S 90- 23- A	TIN COATED
J717	95S 90- 23- A	TIN COATED
J718	95S 90- 23- A	TIN COATED
J719	95S 90- 23- A	TIN COATED
J720	95S 90- 23- A	TIN COATED
J721	95S 90- 23- A	TIN COATED
J722	95S 90- 23- A	TIN COATED
J723	95S 90- 23- A	TIN COATED
J724	95S 90- 23- A	TIN COATED
R701	61A 602-272-52T	2.7K OHM 5% 1/6W
R702	61A 602-103-52T	10K OHM 5% 1/6W
R703	61A 602-103-52T	10K OHM 5% 1/6W
R704	61A 602-562-52T	5.6K OHM 5% 1/6W
R705	61A 602-392-52T	3.9K OHM 5% 1/6W
R706	61A 602-102-52T	1K OHM 5% 1/6W
R707	61A 602-681-52T	680OHM + - 5% 1/6W
R708	61A 602-203-52T	20K OHM 5% 1/6W
R709	61S 602-112-52T	1.1K OHM 5% 1/6W
R710	61A 602-363-52T	36K OHM 5% 1/6W
R711	61A 602-750-52T	75 OHM 5% 1/6W
R712	61A 602-334-52T	330K OHM 5% 1/6W

APPL.	CR336-AI	SPECIFICATION
R713	61A 602-750-52T	75 OHM 5% 1/6W
R714	61A 602-334-52T	330K OHM 5% 1/6W
R715	61A 602-750-52T	75 OHM 5% 1/6W
R716	61A 602-334-52T	330K OHM 5% 1/6W
R717	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R718	61A 602-332-52T	3.3K OHM 5% 1/6W
R719	61A 602-153-52T	15K OHM 5% 1/6W
R720	61A 602-511-52T	510 OHM + - 5% 1/6W
R723	61A 602-511-52T	510 OHM + - 5% 1/6W
R726	61A 602-511-52T	510 OHM + - 5% 1/6W
R730	61S 175-270-52T	27 OHM + - 5% 1/2W
R731	61S 175-270-52T	27 OHM + - 5% 1/2W
R732	61A 602-152-52T	1.5K OHM + - 5% 1/6W
R734	61A 602-270-52T	270 HM + - 5% 1/6W
R737	61S 175-270-52T	27 OHM + - 5% 1/2W
R738	61S 175-270-52T	27 OHM + - 5% 1/2W
R739	61A 602-471-52T	470 OHM + - 5% 1/6W
R741	61A 602-270-52T	27 OHM + - 5% 1/6W
R744	61S 175-270-52T	27 OHM + - 5% 1/2W
R745	61S 175-270-52T	27 OHM + - 5% 1/2W
R746	61A 602-471-52T	470 OHM + - 5% 1/6W
R748	61A 602-270-52T	27 OHM + - 5% 1/6W
R749	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R750	61A 602-182-52T	1.8K OHM + - 5% 1/6W
R751	61A 602-224-52T	220K OHM 5% 1/6W
R752	61A 602-224-52T	220K OHM 5% 1/6W
R753	61A 602-224-52T	220K OHM 5% 1/6W
R754	61A 602-221-52T	220 OHM + - 5% 1/6W
R755	61A 602-221-52T	220 OHM + - 5% 1/6W
R756	61A 602-221-52T	220 OHM + - 5% 1/6W
R757	61S 175-560-52T	56 OHM + - 5% 1/2W
R758	61S 175-560-52T	56 OHM + - 5% 1/2W
R759	61S 175-560-52T	56 OHM + - 5% 1/2W
R761	61A 602-824-52T	820K OHM + - 5% 1/6W
R762	61S 175-151-52T	150 OHM 5% 1/2W
R763	61S 602-330-52T	33 OHM + - 5% 1/6W
R764	61S 602-330-52T	33 OHM + - 5% 1/6W
R765	61S 602-330-52T	33 OHM + - 5% 1/6W
R770	61A 602-103-52T	10K OHM 5% 1/6W
R771	61A 602-471-52T	470 OHM + - 5% 1/6W
R772	61A 602-101-52T	100 OHM 5% 1/6W
R773	61A 602-101-52T	100 OHM 5% 1/6W
R774	61A 602-101-52T	100 OHM 5% 1/6W
R775	61A 602-472-52T	4.7K OHM 5% 1/6W
R776	61A 602-101-52T	100 OHM 5% 1/6W
R777	61A 602-103-52T	10K OHM 5% 1/6W
R781	61S 172-431-52T	430 OHM 5% 1/4W
R782	61S 172-431-52T	430 OHM 5% 1/4W
R783	61S 172-431-52T	430 OHM 5% 1/4W
R791	61S 175-201-52T	200 OHM + - 5% 1/2W
ZD701	93D 39- 57-52T	8.2V +5% -2% 0.5W

APPL.	CR336-AIT	SPECIFICATION
C701	65S 444-103-13T	10000PF K Z5P 50V
C702	67A 301-101- 3T	100UF + - 20% 16V
C703	67A 301-478- 7T	0.47UF + - 20% 50V
C704	67A 301-478- 7T	0.47UF + - 20% 50V
C706	67A 301-478- 7T	0.47UF + - 20% 50V
C707	67A 301-108- 7T	0.1UF + - 20% 50V
C708	65S 444-103-13T	10000PF K Z5P 50V
C709	67A 301-108- 7T	0.1UF + - 20% 50V
C710	65S 444-103-13T	10000PF K Z5P 50V
C711	67A 301-108- 7T	0.1UF + - 20% 50V
C712	65S 444-103-13T	10000PF K Z5P 50V
C713	67A 301-470- 3T	47UF + - 20% 16V
C714	65S 444-103-13T	10000PF K Z5P 50V
C715	65S 442-101-13T	100PF J NPO 50V
C717	67A 301-221- 3T	220UF + - 20% 16V
C718	65S 442-181-13T	180PF J NPO 50V
C722	65A 442-121-13T	120PF 5% NPO 50V
C724	67A 301-109- 9T	1UF + - 20% 100V
C727	67A 301-229-10T	2.2UF + - 20% 160V
C729	67A 301-109- 9T	1UF + - 20% 100V
C730	67A 301-109- 9T	1UF + - 20% 100V
C731	67A 301-109- 9T	1UF + - 20% 100V

APPL.	CR336-AIT	SPECIFICATION
C770	67A 301-229- 7T	2.2UF + – 20% 50V
C771	67A 301-100- 7T	10UF + – 20% 50V
Q703	57A 595- 1- T	TR.2SC2408/NEC
Q707	57A 595- 1- T	TR.2SC2408/NEC
Q711	57A 595- 1- T	TR.2SC2408/NEC
Q714	57A 423- 8T- T	TRAN 2SC2482 TAPING
Q770	57A 420- P- T	TRAN 2SA733P TAPING
Q771	57A 420- P- T	TRAN 2SA733P TAPING
Q773	57A 420- Y- T	TR.2SA1015Y TAPING
Q774	57A 420- Y- T	TR.2SA1015Y TAPING
Q775	57A 420- Y- T	TR.2SA1015Y TAPING

PARTS LIST OF Q702/706/710 ASS'Y

APPL.	705A 336-R57-702	SPECIFICATION
Q702/706/710	57A 509- 1-	TRANSISTOR/2SC3953DE
	90T 275- 2-	HEAT SINK
	N1S 330- 10-128	M3 × 10

PARTS LIST OF MAIN BOARD (UNIQUE)

APPL.	CMPC-336	CMPC-336B	CMPC-336D	CMPC-336K	SPECIFICATION
	336-IC	336-IC	336-IC	336-IC	AUTO INSERTION
	CM336-AI	CM336-AI	CM336-AI	CM336-AI	AUTO INSERTION
	CM336-AIT	CM336-AIT	CM336-AIT	CM336-AIT	AUTO INSERTION
	1T 476- 2-120	1T 476- 2-120	1T 476- 2-120	1T 476- 2-120	SCREW
	6T 31- 4-	6T 31- 4-	6T 31- 4-	6T 31- 4-	BRASS
	15T5548- 1-	15T5548- 1-	15T5548- 1-	15T5548- 1-	MAIN FRAME
	32T3028- 8-	32T3028- 8-	32T3028- 8-	32T3028- 8-	MICA
	40A 154- 13-	40A 154- 13-	40A 154- 13-	40A 154- 13-	CHASSIS LABEL
	71A 55- 2-	71A 55- 2-	71A 55- 2-	71A 55- 2-	FERRITE BEAD
	84C 33- 7-	84C 33- 7-	84C 33- 7-	84C 33- 7-	FUSE CLIP
	89A 203- 11-053	89A 203- 11-053	89A 203- 11-053	89A 203- 11-053	UL1185#26GRY 5''
	95S 202- 59-022	95S 202- 59-022	95S 202- 59-022	95S 202- 59-022	UL1007#22/WHT SOLID
	95S 202- 59-052	95S 202- 59-052	95S 202- 59-052	95S 202- 59-052	UL1007#22/WHT SOLID
	95S 202- 59-072	95S 202- 59-072	95S 202- 59-072	95S 202- 59-072	UL1007#22/WHT SOLID
	95S 205- 30-072	95S 205- 30-072	95S 205- 30-072	95S 205- 30-072	UL1015#18BLK.TOPCOAT
		95A 205- 50-052		95A 205- 50-052	UL1015#22BLK.TINCOAT
		96A 29- 14-190	96A 29- 14-190		0.5'' H.S TUB.UL/CSA
	C1S 330- 12-120	C1S 330- 12-120	C1S 330- 12-120	C1S 330- 12-120	SCREW
	K1S 404- 603-120	K1S 404- 603-120	K1S 404- 603-120	K1S 404- 603-120	#6 × 3/8
	K1S 404- 803-128	K1S 404- 803-128	K1S 404- 803-128	K1S 404- 803-128	#8 × 3/8
	705A 336-M56- 602	705A 336-M56- 602	705A 336-M56- 602	705A 336-M56- 602	IC602 ASSY
	705A 336-M56- 903	705A 336-M56- 903	705A 336-M56- 903	705A 336-M56- 903	IC903 ASSY
	705A 336-M57- 809	705A 336-M57- 809	705A 336-M57- 809	705A 336-M57- 809	Q809 ASSY
	705A 336-M57- 901	705A 336-M57- 901	705A 336-M57- 901	705A 336-M57- 901	Q901 ASSY
	705A 336-M57- 911	705A 336-M57- 911	705A 336-M57- 911	705A 336-M57- 911	Q911 ASSY
	705A 336-M93- 801	705A 336-M93- 801	705A 336-M93- 801	705A 336-M93- 801	D801 ASSY
	705A 336-M95- 048	705A 336-M95- 048	705A 336-M95- 048	705A 336-M95- 048	AC INLET INALWAYS
	715A 481- 3-	715A 481- 3-	715A 481- 3-	715A 481- 3-	284.0 × 290.0 × 1.6MM
C353	65S 442- 181- 1	65S 442- 181- 1	65S 442- 181- 1	65S 442- 181- 1	180PF J NPO 50V
C354	65S 442- 331- 1	65S 442- 331- 1	65S 442- 331- 1	65S 442- 331- 1	330P J NPO 50V
C360	65S 450- 103- 3	65S 450- 103- 3	65S 450- 103- 3	65S 450- 103- 3	10000PF 50V Z5U
C361	65S 450- 103- 3	65S 450- 103- 3	65S 450- 103- 3	65S 450- 103- 3	10000PF 50V Z5U
C602	64A 177- 25- 57	64A 177- 25- 57	64A 177- 25- 57	64A 177- 25- 57	0.1UF J 50V
C603	64A 177- 31- 57	64A 177- 31- 57	64A 177- 31- 57	64A 177- 31- 57	0.33UF J 50V
C604	64A 177- 25- 57	64A 177- 25- 57	64A 177- 25- 57	64A 177- 25- 57	0.1UF J 50V
C605	64A 177- 25- 57	64A 177- 25- 57	64A 177- 25- 57	64A 177- 25- 57	0.1UF J 50V
C606	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	220UF + – 20% 35V
C608	67A 305- 222- 6	67A 305- 222- 6	67A 305- 222- 6	67A 305- 222- 6	2200UF + – 20% 35V
C612	64A 177- 29- 57	64A 177- 29- 57	64A 177- 29- 57	64A 177- 29- 57	0.22UF J 50V
C624	67A 305- 229- 7	67A 305- 229- 7	67A 305- 229- 7	67A 305- 229- 7	2.2UF + – 20% 50V
C625	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	220UF + – 20% 35V
C640	64A 103- 16-	64A 103- 16-	64A 103- 16-	64A 103- 16-	.01UF K 50V
C650	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	220UF + – 20% 35V
C652	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	67A 201- 221- 6	220UF + – 20% 35V
C805	67S 202- 109- 7	67S 202- 109- 7	67S 202- 109- 7	67S 202- 109- 7	1UF + – 10% 35V

APPL.	CMPC-336	CMPC-336B	CMPC-336D	CMPC-336K	SPECIFICATION
C806	64A 177- 7- 58	64A 177- 7- 58	64A 177- 7- 58	64A 177- 7- 58	0.0033UF J 50V
C807	67S 202- 109- 7	67S 202- 109- 7	67S 202- 109- 7	67S 202- 109- 7	1UF + - 10% 35V
C808	64A 103- 24-	64A 103- 24-	64A 103- 24-	64A 103- 24-	0.0012UF 5% 50V
C8103	65A 517K- 102- 1A	65A 517K- 102- 1A	65A 517K- 102- 1A	65A 517K- 102- 1A	1000PF K Z5F 500V
C8104	63A 210J- 115- 2E	63A 210J- 115- 2E	63A 210J- 115- 2E	63A 210J- 115- 2E	1.1UF + - 5% 250V
C8105	63A 210J- 844- 2D	63A 210J- 844- 2D	63A 210J- 844- 2D	63A 210J- 844- 2D	.84UF + - 5% 250V
C8105	63A 210J- 844- 2DY	63A 210J- 844- 2DY	63A 210J- 844- 2DY	63A 210J- 844- 2DY	.84UF + - 5% 250V
C8108	67A 301- 109- 7	67A 301- 109- 7	67A 301- 109- 7	67A 301- 109- 7	1UF + - 20% 50V
C8109	67A 201- 100- 12	67A 201- 100- 12	67A 201- 100- 12	67A 201- 100- 12	10UF + - 20% 250V
C811	67A 402- 109- 7	67A 402- 109- 7	67A 402- 109- 7	67A 402- 109- 7	1UF 50V + - 20%
C8114	67D 89- 3-	67D 89- 3-	67D 89- 3-	67D 89- 3-	47UF 35V
C8116	67A 301- 100- 7	67A 301- 100- 7	67A 301- 100- 7	67A 301- 100- 7	10UF + - 20% 50V
C814	63A 210- 1-	63A 210- 1-	63A 210- 1-	63A 210- 1-	.001UF + - 5% 2000V
C815	64A 103J- 223- 3F	64A 103J- 223- 3F	64A 103J- 223- 3F	64A 103J- 223- 3F	.022UF + - 5% 400V
C816	67A 201- 100- 10	67A 201- 100- 10	67A 201- 100- 10	67A 201- 100- 10	10UF + - 20% 160V
C820	65A 517K- 561- 2A	65A 517K- 561- 2A	65A 517K- 561- 2A	65A 517K- 561- 2A	560PF K Z5P 500V
C823	64A 140- 11- 57	64A 140- 11- 57	64A 140- 11- 57	64A 140- 11- 57	0.0068UF + - 5% 250V
C824	65S 402- 360- 1	65S 402- 360- 1	65S 402- 360- 1	65S 402- 360- 1	36PF J NPO 500V
C826	65A 517K- 103- 2B	65A 517K- 103- 2B	65A 517K- 103- 2B	65A 517K- 103- 2B	10000PF K Z5P 500V
C852	67S 202- 229- 7	67S 202- 229- 7	67S 202- 229- 7	67S 202- 229- 7	2.2UF + - 10% 35V
C853	67A 301- 470- 4	67A 301- 470- 4	67A 301- 470- 4	67A 301- 470- 4	47UF + - 20% 25V
C863	64A 103- 11-	64A 103- 11-	64A 103- 11-	64A 103- 11-	0.0018UF 5% 50V PP
C864	65A 452- 103- 3	65A 452- 103- 3	65A 452- 103- 3	65A 452- 103- 3	.01UF Z5U 16V +18-20
C871	67A 301- 471- 3	67A 301- 471- 3	67A 301- 471- 3	67A 301- 471- 3	470UF + - 20% 16V
C901				63S 107- 1-	.1UF M 250V AC
C901	63A 107- 104- 1		63A 107- 104- 1		.1UF + - 20% 250V.AC
C901	63A 107- 104- 2		63A 107- 104- 2		.1UF + - 20% 250V.AC
C901	63A 107- 104- 3		63A 107- 104- 3	63A 107- 104- 3	.1UF + - 20% 250V.AC
C901	63A 107- 104- 4		63A 107- 104- 4	63A 107- 104- 4	.1UF + - 20% 250V.AC
C901		63A 107- 105- 3			1.0UF + - 20% 250V.AC
C901		63A 107- 105- 4			1.0UF + - 20% 250V
C903	65A305M- 472- 2B	65A305M- 472- 2B	65A305M- 472- 2B	65A305M- 472- 2B	4700P + - 20% 400VAC
C903	65A305M- 472- 2B1				4700PF + - 20% 400VAC
C904	65A305M- 472- 2B	65A305M- 472- 2B	65A305M- 472- 2B	65A305M- 472- 2B	4700P + - 20% 400VAC
C904	65A305M- 472- 2B1				4700PF + - 20% 400VAC
C907	67D 30- 48-	67D 30- 48-	67D 30- 48-	67D 30- 48-	220UF + - 20% 400V
C908	65A305M- 472- 2B	65A305M- 472- 2B	65A305M- 472- 2B	65A305M- 472- 2B	4700P + - 20% 400VAC
C908	65A305M- 472- 2B1				4700PF + - 20% 400VAC
C911	65A 1K- 561- 2RS	65A 1K- 561- 2RS	65A 1K- 561- 2RS	65A 1K- 561- 2RS	560PF + - 10% 1KV
C917	64A 177- 25- 58	64A 177- 25- 58	64A 177- 25- 58	64A 177- 25- 58	0.1UF J 50V
C920	67A 305- 221- 10	67A 305- 221- 10	67A 305- 221- 10	67A 305- 221- 10	220UF + - 20% 160V
C921	67A 309- 330-10M	67A 309- 330-10M	67A 309- 330-10M	67A 309- 330-10M	33UF + - 20% 160V
C923	67A 309- 330-10M	67A 309- 330-10M	67A 309- 330-10M	67A 309- 330-10M	33UF + - 20% 160V
C924	67A 305- 102- 5	67A 305- 102- 6	67A 305- 102- 6	67A 305- 102- 6	1000UF + - 20% 35V
C925	67A 305- 331- 6	67A 305- 331- 6	67A 305- 331- 6	67A 305- 331- 6	330UF + - 20% 35V
C928	67A 305- 471- 4	67A 305- 471- 4	67A 305- 471- 4	67A 305- 471- 4	470UF + - 20% 25V
C931	67A 305- 222- 2	67A 305- 222- 2	67A 305- 222- 2	67A 305- 222- 2	2200UF + - 20% 10V
C932	67A 305- 102- 2	67A 305- 102- 2	67A 305- 102- 2	67A 305- 102- 2	CAP. 1000UF + - 20% 10V
C935	64A 177- 1- 58	64A 177- 1- 58	64A 177- 1- 58	64A 177- 1- 58	0.001UF J 50V
C945	64A 140- 36- 57	64A 140- 36- 57	64A 140- 36- 57	64A 140- 36- 57	0.001UF 5% 400V
C946	67A 305- 221- 10	67A 305- 221- 10	67A 305- 221- 10	67A 305- 221- 10	220UF + - 20% 160V
C947	67A 309- 109- 10	67A 309- 109- 10	67A 309- 109- 10	67A 309- 109- 10	1UF + - 20% 160V
C951	67A 305- 229- 7	67A 305- 229- 7	67A 305- 229- 7	67A 305- 229- 7	2.2UF + - 20% 50V
CN902	33T 3357- 2-				2P PLUG 3.96MM PICH
CN902		33T 3357- 5A-	33T 3357- 5A-	33T 3357- 5A-	PLUG.5PIN PIN3 BLANK
CN902		33T 3359- 5A-	33T 3359- 5A	33T 3359- 5A-	5PIN PLUG PIN 3 BLAN
CN903	33T 3074- 1-	33T 3074- 1-	33T 3074- 1	33T 3074- 1-	2P PLUG
D802	93D 60- 97-	93D 60- 97-	93D 60- 97-	93D 60- 97-	5A 600V
D808	93C 60- 21-	93C 60- 21-	93C 60- 21-	93C 60- 21-	FRD 1.5A 600V
D809	93C 60- 21-	93C 60- 21-	93C 60- 21-	93C 60- 21-	FRD 1.5A 600V
D905	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	RECTIFIER IN5407
D906	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	RECTIFIER IN5407
D907	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	RECTIFIER IN5407
D908	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	93C 52- 51- 66	RECTIFIER IN5407
D920	93C 2100- 1-	93C 2100- 1-	93C 2100- 1-	93C 2100- 1-	F R D 1000V/2A
D921	93C 1060- 5-	93C 1060- 5-	93C 1060- 5-	93C 1060- 5-	F R D 1A/600V
D922	93A 60-73A-	93A 60-73A-	93A 60-73A-	93A 60-73A-	F.R.D. 3A/400V
D922	93C 3040- 1-	93C 3040- 1-	93C 3040- 1-	93C 3040- 1-	F R D 400V/3A
D924	93C 3020- 2-	93C 3020- 2-	93C 3020- 2-	93C 3020- 2-	F R D BYW98-200
D926	93C 3020- 2-	93C 3020- 2-	93C 3020- 2-	93C 3020- 2-	F R D BYW98-200
D937	93C 2060- 1-	93C 2060- 1-	93C 2060- 1-	93C 2060- 1-	F R D BYM-26C
F901	84C 7- 45-	84C 7- 45-	84C 7- 45-	84C 7- 45-	FUSE 2.5A 250V S-B
IC904	56A 158- 1-	56A 158- 1-	56A 158- 1-	56A 158- 1-	3PIN IC TL431CLP
J001	95S 90- 23- A		95S 90- 23- A		TIN COATED
J002	95S 90- 23- A		95S 90- 23- A		TIN COATED
J006	95S 90- 23- A				TIN COATED
J0109	95S 90- 23- A	95S 90- 23- A	95S 90- 23- A	95S 90- 23- A	TIN COATED

APPL.	CMPC-336	CMPC-336B	CMPC-336D	CMPC-336K	SPECIFICATION
L801	73A 253- 37-	73A 253- 37-	73A 253- 37-	73A 253- 37-	50UH + -10% 2A
L804	73A 147- 36-	73A 147- 36-	73A 147- 36-	73A 147- 36-	LINEARITY COIL
L807	73A 253- 53-	73A 253- 53-	73A 253- 53-	73A 253- 53-	400UH + -10%
L809	94A 483- 20-	94A 483- 20-	94A 483- 20-	94A 483- 20-	COILD WIDTH
L901	73A 174- 2-	73A 174- 2-	73A 174- 2-	73A 174- 2-	COIL 25MH MIN.
L902		73A 174- 4-		73A 174- 4-	6.5MH + -20%
L904	73C 259- 4-	73C 259- 4-	73C 259- 4-	73C 259- 4-	200UH + -5%
L906	73C 259- 4-	73C 259- 4-	73C 259- 4-	73C 259- 4-	200UH + -5%
L907	73C 259- 4-	73C 259- 4-	73C 259- 4-	73C 259- 4-	200UH + -5%
NR901	61A 58- 2-	61A 58- 2-	61A 58- 2-	61A 58- 2-	4 OHM + -20% 1W NTCR
P601	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
P602	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
P701	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
P702	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
P703	33T 3278- 4-	33T 3278- 4-	33T 3278- 4-	33T 3278- 4-	4P PLUG B4B-XHA/JST
P705	33A 8013- 5-	33A 8013- 5-	33A 8013- 5-	33A 8013- 5-	CONNECTOR 5P PLUG
P800	33T 3074- 5-	33T 3074- 5-	33T 3074- 5-	33T 3074- 5-	6P PLUG
P801	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
P803	33T 3278- 2-	33T 3278- 2-	33T 3278- 2-	33T 3278- 2-	2P PLUG B2B-XHA/JST
P804	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
P805	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	33T 3278- 3-	3P PLUG B3B-XHA/JST
PR901	61D 52- 21- 1	61D 52- 21- 1	61D 52- 21- 1	61D 52- 21- 1	220VAC 18 OHM
PR901	61D 52- 21- 2	61D 52- 21- 2	61D 52- 21- 2	61D 52- 21- 2	220VAC 18 OHM
Q617	57A 520- S-	57A 520- S-	57A 520- S-	57A 520- S-	TRANSISTOR
Q802	57A 554- 4-	57A 554- 4-	57A 554- 4-	57A 554- 4-	POWER MOS SGSP301/ST
Q802	57A 554- 5-	57A 554- 5-	57A 554- 5-	57A 554- 5-	POWER MOS IRF510/SAM
Q804	57A 498- 1-	57A 498- 1-	57A 498- 1-	57A 498- 1-	TRANSISTOR
Q808	57A 429- 16-	57A 429- 16-	57A 429- 16-	57A 429- 16-	TRANSISTOR
Q851	57A 552- P-	57A 552- P-	57A 552- P-	57A 552- P-	TRANSISTOR
Q851	57A 552- Q-	57A 552- Q-	57A 552- Q-	57A 552- Q-	TRANSISTOR
Q902	57A 594- 1-	57A 594- 1-	57A 594- 1-	57A 594- 1-	TR. MPSA44
Q902	57A 594- 3-	57A 594- 3-	57A 594- 3-	57A 594- 3-	TR. MPSA44/HI-SIN.
R611	61S 208-109- 64	61A 208-109- 64	61S 208-109- 64	61S 208-109- 64	1 OHM + -5% 1W
R613	61A153M-151- 59	61A153M-151- 59	61A153M-151- 59	61A153M-151- 59	150 OHM + -5% 3W
R810	61A 602-753- 65	61A 602-753- 65	61A 602-753- 65	61A 602-753- 63	CARBON FILM RES.
R8103	61S152M-100- 64	61S152M-100- 64	61S152M-100- 64	61S152M-100- 64	10 OHM 5% 2W
R8114	61A 301-229- 64	61A 301-229- 64	61A 301-229- 64	61A 301-229- 64	2.0 OHM + -5% 1/2W
R8116	61A 301-229- 64	61A 301-229- 64	61A 301-229- 64	61A 301-229- 64	2.2 OHM + -5% 1/2W
R819	61S153M-470- 59	61S153M-470- 59	61S153M-470- 59	61S153M-470- 59	47 OHM 5% 3W
R822	61A 301-479- 64	61A 301-479- 64	61A 301-479- 64	61A 301-479- 64	4.7 OHM + -5% 1/2W
R856	61S 601-751- 65	61S 601-751- 65	61S 601-751- 65	61S 601-751- 65	750 OHM + -2% 1/6W
R857	61S 601-302- 65	61S 601-302- 65	61S 601-302- 65	61S 601-302- 65	3K OHM + -2% 1/6W
R894	61S 208-271- 64	61S 208-271- 64	61S 208-271- 64	61S 208-271- 64	270 OHM + -5% 1W
R903	61A 3J-478- 59	61A 3J-478- 59	61A 3J-478- 59	61A 3J-478- 59	0.47 OHM + -5% 3W
R904	61S 208-474- 64	61S 208-474- 64	61S 208-474- 64	61S 208-474- 64	470K OHM 5% 1W
R905	61S153M-563- 59	61S153M-563- 59	61S153M-563- 59	61S153M-563- 59	56K OHM + -5% 3W
R906	61S153M-563- 59	61S153M-563- 59	61S153M-563- 59	61S153M-563- 59	56K OHM + -5% 3W
R907	61A 303-228- 64	61A 303-228- 64	61A 303-228- 64	61A 303-228- 64	0.22 OHM 5% 1W
R908	61D 20-264-	61D 20-264-	61D 20-264-	61D 20-264-	2.2K OHM + -5% 7W
R913	61D 20K-478-GB1	61D 20K-478-GB1	61D 20K-478-GB1	61D 20K-478-GB1	0.47 OHM + -10% 2W
R942	61A 303-228- 64	61A 303-228- 64	61A 303-228- 64	61A 303-228- 64	0.22 OHM 5% 1W
R943	61D 20-303-	61D 20-303-	61D 20-303-	61D 20-303-	390 OHM 5% 5W
R946	61D 20K-568-GB1	61D 20K-568-GB1	61D 20K-568-GB1	61D 20K-568-GB1	0.56 OHM + -10% 2W
R961	61S 172-103- 57	61S 172-103- 57	61S 172-103- 57	61S 172-103- 57	10K OHM 5% 1/4W
RY800	77A 260- 22-	77A 260- 22-	77A 260- 22-	77A 260- 22-	24VDC 5A
T601	79D 196- 9-	79D 196- 9-	79D 196- 9-	79D 196- 9-	L = 19.9UH
T801	79A 167- 36-	79A 167- 36-	79A 167- 36-	79A 167- 36-	DRIVER X'FRM
T802	79A 357- 1-	79A 357- 1-	79A 357- 1-	79A 357- 1-	14" CLR DISPLAY FBT
T901	80A 527- 2- C			80A 527- 2- C	L(3-5) = 1.0MH + -5%
T901	80A 527- 2- L			80A 527- 2- L	L(3-5) = 1.0MH + -5%
T901		80A 527- 2- CT	80A 527- 2- CT		EE42 x 15 SW X'FMR
T901		80A 527- 2- LT	80A 527- 2- LT		EE42 x 15 SW X'FMR
T903	79A 168- 4-	79A 168- 4-	79A 168- 4-	79A 168- 4-	PULSE X'FMR
T904	80A 800-336- C	80A 800-336- C	80A 800-336- C	80A 800-336- C	L(6-4) = 1.5MH + -5%
T904	80A 800-336- L	80A 800-336- L	80A 800-336- L	80A 800-336- L	L(6-4) = 1.5MH + -5%
TP601	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP801	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP802	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP803	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP804	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP805	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP806	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP851	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP852	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
TP901	9A 211- 2-	9A 211- 2-	9A 211- 2-	9A 211- 2-	PIN, 1.2 x 15MM
VR601	75A 345-104-	75A 345-104-	75A 345-104-	75A 345-104-	100K OHM + -20%
VR602	75A 343-104-	75A 343-104-	75A 343-104-	75A 343-104-	100K OHM + -20%

APPL.	CMPC-336	CMPC-336B	CMPC-336D	CMPC-336K	SPECIFICATION
VR603	75A 345-302-	75A 345-302-	75A 345-302-	75A 345-302-	3K OHM + – 20%
VR606	75A 343-103-	75A 343-103-	75A 343-103-	75A 343-103-	10K OHM + – 20%
VR607	75A 334-225-	75A 334-225-	75A 334-225-	75A 334-225-	2.2M OHM + – 30%
VR608	75A 345-202-	75A 345-202-	75A 345-202-	75A 345-202-	2K OHM + – 20%
VR801	75A 345-204-	75A 345-204-	75A 345-204-	75A 345-204-	200K OHM + – 20%
VR802	75D 345-502-	75D 345-502-	75D 345-502-	75D 345-502-	5K OHM + – 20%
VR803	**75A 343-202-**	**75A 343-202-**	**75A 343-202-**	**75A 343-202-**	**2K OHM + – 20%** ⚠
VR804	**75A 343-204-**	**75A 343-204-**	**75A 343-204-**	**75A 343-204-**	**200K OHM + – 20%**
VR805	75C 215- 10-	75C 215- 10-	75C 215- 10-	75C 215- 10-	500 OHM B + – 10%
VR851	75A 345-102-	75A 345-102-	75A 345-102-	75A 345-102-	1K OHM + – 20%
VR852	75A 345-302-	75A 345-302-	75A 345-302-	75A 345-302-	3K OHM + – 20%
VR854	75A 345-503-	75A 345-503-	75A 345-503-	75A 345-503-	50K OHM + – 20%
VR855	75A 345-504-	75A 345-504-	75A 345-504-	75A 345-504-	500K OHM + – 20%
VR901	75A 335-102-	75A 335-102-	75A 335-102-	75A 335-102-	1K OHM + – 30%
VR902	75A 335-102-	75A 335-102-	75A 335-102-	75A 335-102-	1K OHM + – 30% ⚠
ZD901	**93A 39-102-**	**93A 39-102-**	**93A 39-102-**	**93A 39-102-**	**ZENER DIODE HZ20-1**

PARTS LIST OF MAIN BOARD (COMMON)

APPL.	CR336-AI	SPECIFICATION
IC305	56A74LS- 86- H	14 PIN IC
IC306	56A74LS-221- H	16 PIN IC
IC307	56A 267- 1-	16 PIN IC/MC140518
IC308	56A74LS- 86- H	14 PIN IC
IC603	56A 192- 1-	8 PIN IC
IC604	56A 505- 1-	14P IC TDA8146/S.T.
IC801	56A 326- 2-	20 PIN IC
IC851	56A 329- 1-	8 PIN I.C
IC851	56A 329- 2-	8P IC XR-4151
IC852	56A 328- 1-	8 PIN IC UPC4557C
IC853	56A 210- 2-	14 PIN IC UPC339C
IC854	56A 328- 1-	8 PIN IC UPC4557C
IC855	56A 265- 2-	14 PIN IC UPD4066BC
IC901	56A 379- 1-	8P IC 3842N
IC902	56A 379- 1-	8P IC 3842N
D350	93C 64-11H- 52T	DIODE
D351	93C 64-11H- 52T	DIODE
D601	93C 64-11H- 52T	DIODE
D602	93C 64-11H- 52T	DIODE
D603	93C 64-11H- 52T	DIODE
D604	93C 64-11H- 52T	DIODE
D606	93C 64-11H- 52T	DIODE
D607	93D 52- 1- 52T	1A 600V
D608	93C 64-11H- 52T	DIODE
D609	93C 64-11H- 52T	DIODE
D610	93C 64-11H- 52T	DIODE
D803	93C 60- 38- 52T	1A 200V
D804	93C 60- 38- 52T	1A 200V
D806	93C 60- 38- 52T	1A 200V
D807	93C 64-11H- 52T	DIODE
D810	93D 52- 27- 52T	1000V/1A DIODE
D811	93C 64-11H- 52T	DIODE
D812	93D 60- 21- 52T	FRD 1.5A 500V
D851	93C 64-11H- 52T	DIODE
D852	93C 64-11H- 52T	DIODE
D909	93C 64-11H- 52T	DIODE
D910	93C 64-11H- 52T	DIODE
D911	93C1060- 5- 52T	F R D 1A/600V TAPING
D914	93C 64-11H- 52T	DIODE
D915	93C 64-11H- 52T	DIODE
D916	93C 64- 19- 52T	DIODE 1SS82
D923	93C 64-11H- 52T	DIODE
D928	93C 64-11H- 52T	DIODE
D936	93C 64-11H- 52T	DIODE
D939	93C1060- 5- 52T	F R D 1A/600V TAPING
D941	93C 64-11H- 52T	DIODE
J003	95S 90- 23- A	TIN COATED
J004	95S 90- 23- A	TIN COATED
J005	95S 90- 23- A	TIN COATED
J007	95S 90- 23- A	TIN COATED
J008	95S 90- 23- A	TIN COATED
J009	95S 90- 23- A	TIN COATED

APPL.	CR336-AI	SPECIFICATION
J0104	95S 90- 23- A	TIN COATED
J011	95S 90- 23- A	TIN COATED
J012	95S 90- 23- A	TIN COATED
J013	95S 90- 23- A	TIN COATED
J014	95S 90- 23- A	TIN COATED
J015	95S 90- 23- A	TIN COATED
J016	95S 90- 23- A	TIN COATED
J017	95S 90- 23- A	TIN COATED
J018	95S 90- 23- A	TIN COATED
J019	95S 90- 23- A	TIN COATED
J020	95S 90- 23- A	TIN COATED
J021	95S 90- 23- A	TIN COATED
J022	95S 90- 23- A	TIN COATED
J023	95S 90- 23- A	TIN COATED
J024	95S 90- 23- A	TIN COATED
J025	95S 90- 23- A	TIN COATED
J026	95S 90- 23- A	TIN COATED
J027	95S 90- 23- A	TIN COATED
J028	95S 90- 23- A	TIN COATED
J029	95S 90- 23- A	TIN COATED
J030	95S 90- 23- A	TIN COATED
J031	95S 90- 23- A	TIN COATED
J032	95S 90- 23- A	TIN COATED
J033	95S 90- 23- A	TIN COATED
J034	95S 90- 23- A	TIN COATED
J035	95S 90- 23- A	TIN COATED
J036	95S 90- 23- A	TIN COATED
J037	95S 90- 23- A	TIN COATED
J038	95S 90- 23- A	TIN COATED
J039	95S 90- 23- A	TIN COATED
J041	95S 90- 23- A	TIN COATED
J042	95S 90- 23- A	TIN COATED
J043	95S 90- 23- A	TIN COATED
J044	95S 90- 23- A	TIN COATED
J045	95S 90- 23- A	TIN COATED
J046	95S 90- 23- A	TIN COATED
J047	95S 90- 23- A	TIN COATED
J048	95S 90- 23- A	TIN COATED
J049	95S 90- 23- A	TIN COATED
J050	95S 90- 23- A	TIN COATED
J051	95S 90- 23- A	TIN COATED
J052	95S 90- 23- A	TIN COATED
J053	95S 90- 23- A	TIN COATED
J055	95S 90- 23- A	TIN COATED
J056	95S 90- 23- A	TIN COATED
J057	95S 90- 23- A	TIN COATED
J058	95S 90- 23- A	TIN COATED
J059	95S 90- 23- A	TIN COATED
J060	95S 90- 23- A	TIN COATED
J061	95S 90- 23- A	TIN COATED
J062	95S 90- 23- A	TIN COATED
J063	95S 90- 23- A	TIN COATED
J064	95S 90- 23- A	TIN COATED
J065	95S 90- 23- A	TIN COATED
J066	95S 90- 23- A	TIN COATED
J067	95S 90- 23- A	TIN COATED
J068	95S 90- 23- A	TIN COATED
J069	95S 90- 23- A	TIN COATED
J070	95S 90- 23- A	TIN COATED
J071	95S 90- 23- A	TIN COATED
J072	95S 90- 23- A	TIN COATED
J073	95S 90- 23- A	TIN COATED
J074	95S 90- 23- A	TIN COATED
J076	95S 90- 23- A	TIN COATED
J077	95S 90- 23- A	TIN COATED
J078	95S 90- 23- A	TIN COATED
J079	95S 90- 23- A	TIN COATED
J080	95S 90- 23- A	TIN COATED
J082	95S 90- 23- A	TIN COATED
J083	95S 90- 23- A	TIN COATED
J084	95S 90- 23- A	TIN COATED
J085	95S 90- 23- A	TIN COATED
J086	95S 90- 23- A	TIN COATED
J087	95S 90- 23- A	TIN COATED
J088	95S 90- 23- A	TIN COATED
J089	95S 90- 23- A	TIN COATED
J090	95S 90- 23- A	TIN COATED

APPL.	CR336-AI	SPECIFICATION
J091	95S 90- 23- A	TIN COATED
J092	95S 90- 23- A	TIN COATED
J093	95S 90- 23- A	TIN COATED
J094	95S 90- 23- A	TIN COATED
J095	95S 90- 23- A	TIN COATED
J096	95S 90- 23- A	TIN COATED
J097	95S 90- 23- A	TIN COATED
J098	95S 90- 23- A	TIN COATED
J099	95S 90- 23- A	TIN COATED
J100	95S 90- 23- A	TIN COATED
J101	95S 90- 23- A	TIN COATED
J102	95S 90- 23- A	TIN COATED
J103	95S 90- 23- A	TIN COATED
J105	95S 90- 23- A	TIN COATED
J106	95S 90- 23- A	TIN COATED
R379	61A602-102-52T	1K OHM 5% 1/6W
R380	61A602-103-52T	10K OHM 5% 1/6W
R381	61A602-333-52T	33K OHM 5% 1/6W
R382	61S172-102-52T	1K OHM 5% 1/4W
R383	61S172-560-52T	56 OHM 5% 1/4W
R384	61A602-103-52T	10K OHM 5% 1/6W
R385	61S172-102-52T	1K OHM 5% 1/4W
R386	61S172-101-52T	100 OHM 5% 1/4W
R387	61S601-432-52T	4.3K OHM + – 2% 1/6W
R388	61S601-333-52T	33K OHM + – 2% 1/6W
R389	61A602-103-52T	10K OHM 5% 1/6W
R390	61S601-472-52T	4.7K OHM + – 2% 1/6W
R391	61S601-473-52T	47K OHM + – 2% 1/6W
R392	61S601-473-52T	47K OHM + – 2% 1/6W
R393	61S601-473-52T	47K OHM + – 2% 1/6W
R394	61S601-473-52T	47K OHM + – 2% 1/6W
R395	61A602-753-52T	75K OHM + – 5% 1/6W
R396	61A602-563-52T	56K OHM + – 5% 1/6W
R397	61A602-753-52T	75K OHM + – 5% 1/6W
R398	61S601-474-52T	470K OHM 2% 1/6W
R399	61S172-221-52T	220 OHM 5% 1/4W
R602	61A602-822-52T	8.2K OHM + – 5% 1/6W
R603	61A602-103-52T	10K OHM 5% 1/6W
R604	61A602-563-52T	56K OHM + – 5% 1/6W
R605	61A602-564-52T	560K OHM + – 5% 1/6W
R606	61A602-333-52T	33K OHM 5% 1/6W
R607	61A602-104-52T	100K OHM 5% 1/6W
R608	61A602-121-52T	120 OHM 5% 1/6W
R609	61S602-122-52T	1.2K OHM + 5% 1/6W
R610	61A602-242-52T	2.4K OHM + – 5% 1/6W
R612	61S175-431-52T	430 OHM + – 5% 1/2W
R614	61S172-220-52T	22 OHM 5% 1/4W
R615	61A602-333-52T	33K OHM 5% 1/6W
R624	61A602-103-52T	10K OHM 5% 1/6W
R625	61A602-563-52T	56K OHM + – 5% 1/6W
R627	61A602-563-52T	56K OHM + – 5% 1/6W
R628	61A602-123-52T	12K OHM 5% 1/6W
R629	61A602-103-52T	10K OHM 5% 1/6W
R630	61A602-333-52T	33K OHM 5% 1/6W
R631	61S175-229-52T	2.2 OHM 5% 1/2W
R632	61A602-302-52T	3K OHM 5% 1/6W
R634	61A602-472-52T	4.7K OHM 5% 1/6W
R635	61A602-104-52T	100K OHM 5% 1/6W
R638	61A602-103-52T	10K OHM 5% 1/6W
R650	61A602-103-52T	10K OHM 5% 1/6W
R679	61A602-103-52T	10K OHM 5% 1/6W
R680	61A602-103-52T	10K OHM 5% 1/6W
R682	61A602-753-52T	75K OHM + – 5% 1/6W
R683	61A602-154-52T	150K OHM 5% 1/6W
R684	61S172-105-52T	1MEG OHM 5% 1/4W
R685	61A602-303-52T	30K OHM 5% 1/6W
R686	61A602-333-52T	33K OHM 5% 1/6W
R687	61A602-363-52T	36K OHM 5% 1/6W
R688	61S175-330-52T	33OHM + – 5% 1/2W
R689	61S172-102-52T	1K OHM 5% 1/4W
R690	61S172-511-52T	510 OHM 5% 1/4W
R691	61S175-151-52T	150 OHM 5% 1/2W
R692	61S175-101-52T	100 OHM + – 5% 1/2W
R693	95S 90- 23- A	TIN COATED
R694	95S 90- 23- A	TIN COATED
R695	61S172-272-52T	2.7K OHM 5% 1/4W
R696	61A602-822-52T	8.2K OHM + – 5% 1/6W

APPL.	CR336-AI	SPECIFICATION
R697	61S 175-151-52T	150 OHM 5% 1/2W
R698	61S 172-105-52T	1MEG OHM 5% 1/4W
R801	61A 602-102-52T	1K OHM 5% 1/6W
R802	61A 602-123-52T	12K OHM 5% 1/6W
R803	61S 602-122-52T	1.2K OHM +5% 1/6W
R804	61A 602-392-52T	3.9K OHM 5% 1/6W
R805	61A 602-223-52T	22K OHM 5% 1/6W
R806	61A 602-123-52T	12K OHM 5% 1/6W
R807	61A 602-102-52T	1K OHM 5% 1/6W
R808	61A 602-183-52T	18K OHM + -5% 1/6W
R809	61A 602-134-52T	130K OHM + -5% 1/6W
R8100	61A 602-183-52T	18K OHM + -5% 1/6W
R8101	61S 172-202-52T	2K OHM 5% 1/4W
R8102	61A 602-103-52T	10K OHM 5% 1/6W
R8105	61A 602-163-52T	16K OHM + -5% 1/6W
R8107	61S 172-103-52T	10K OHM 5% 1/4W
R8108	61S 602-434-52T	430K OHM + -5% 1/6W
R8109	61S 175-474-52T	470K OHM 5% 1/2W
R811	61A 602-163-52T	16K OHM + -5% 1/6W
R8110	61A 602-302-52T	3K OHM 5% 1/6W
R8111	61A 602-103-52T	10K OHM 5% 1/6W
R8112	61S 172-202-52T	2K OHM 5% 1/4W
R8113	61S 172-202-52T	2K OHM 5% 1/4W
R8115	61S 172-682-52T	6.8K OHM 5% 1/4W
R8118	**61A 602-822-52T**	**8.2K OHM + -5% 1/6W**
R8119	**61A 602-272-52T**	**2.7K OHM 5% 1/6W**
R812	61A 602-102-52T	1K OHM 5% 1/6W
R8123	61S 172-681-52T	680 OHM 5% 1/4W
R8124	61A 602-822-52T	8.2K OHM + -5% 1/6W
R8125	61A 602-101-52T	100 OHM 5% 1/6W
R8126	61S 172-113-52T	11K OHM 5% 1/W
R8127	61S 172-303-52T	33 OHM + -5% 1/4W
R813	61A 602-912-52T	9.1K OHM + -5% 1/6W
R814	61S 601-113-52T	11K OHM + -2% 1/6W
R815	61S 601-123-52T	12K OHM + -2% 1/6W
R8150	61A 602-562-52T	5.6K OHM 5% 1/6W
R817	61S 602-122-52T	1.2K OHM +5% 1/6W
R818	61S 175-751-52T	750 OHM + -5% 1/2W
R821	61S 175-510-52T	51 OHM + -5% 1/2W
R824	61S 175-471-52T	470 OHM + -5% 1/2W
R840	61A 602-302-52T	3K OHM 5% 1/6W
R851	61A 602-103-52T	10K OHM 5% 1/6W
R852	61A 602-103-52T	10K OHM 5% 1/6W
R853	61A 602-124-52T	120K OHM + -5% 1/6W
R854	61A 602-472-52T	4.7K OHM 5% 1/6W
R855	61A 602-823-52T	82K OHM + -5% 1/6W
R858	61A 602-103-52T	10K OHM 5% 1/6W
R859	61A 601-162-52T	1.6K OHM + -2% 1/6W
R860	61S 601-152-52T	1.5K OHM + - 2% 1/6W
R862	61A 602-114-52T	110K OHM 5% 1/6W
R863	61A 602-153-52T	15K OHM 5% 1/6W
R864	61S 172-475-52T	4.7M OHM + -5% 1/4W
R865	61S 601-204-52T	200K OHM + -2% 1/6W
R866	61S 601-823-52T	82K OHM + -2% 1/6W
R867	61A 602-153-52T	15K OHM 5% 1/6W
R868	61S 172-475-52T	4.7M OHM + -5% 1/4W
R869	61S 601-124-52T	120K OHM + -2% 1/6W
R870	61S 601-134-52T	130K OHM + -2% 1/6W
R871	61A 602-562-52T	5.6K OHM 5% 1/6W
R872	61S 172-475-52T	4.7M OHM + -5% 1/4W
R873	61S 601-274-52T	270K OHM + -2% 1/6W
R874	61A 602-153-52T	15K OHM 5% 1/6W
R875	61A 602-561-52T	560 OHM + -5% 1/6W
R876	61A 602-683-52T	68K OHM + -5% 1/6W
R877	61A 602-124-52T	120K OHM + -5% 1/6W
R878	61A 602-754-52T	750K OHM + -5% 1/6W
R879	61S 601-563-52T	56K OHM + -2% 1/6W
R881	61A 602-104-52T	100K OHM 5% 1/6W
R882	61A 602-104-52T	100K OHM 5% 1/6W
R883	61A 602-104-52T	100K OHM 5% 1/6W
R884	61S 601-473-52T	47K OHM + -2% 1/6W
R887	61S 172-479-52T	4.7 OHM + -5% 1/4W
R888	61A 602-222-52T	2.2K OHM + -5% 1/6W
R889	61A 602-222-52T	2.2K OHM + -5% 1/6W
R890	61A 602-562-52T	5.6K OHM 5% 1/6W
R891	61A 602-682-52T	6.8K OHM 5% 1/6W
R892	61S 602-622-52T	6.2K OHM + -5% 1/6W

APPL.		CR336-AI	SPECIFICATION
R893	⚠	61A 602-563-52T	56K OHM + – 5% 1/6W
R895		61A 175-241-52T	240 OHM + – 5% 1/2W
R896		61S 172-200-52T	20 OHM 5% 1/4W
R902		**61A175L-474-52T**	**470K OHM 5% 1/2W**
R910		61A 602-203-52T	20K OHM 5% 1/6W
R911		61S 175-470-52T	47 OHM 5% 1/2W
R912		61S 172-621-52T	620 OHM 5% 1/4W
R914		61A 602-102-52T	1K OHM 5% 1/6W
R915		61A 602-202-52T	2K OHM 5% 1/6W
R917		61A 602-512-52T	5.1K OHM 5% 1/6W
R918		61A 602-102-52T	1K OHM 5% 1/6W
R919		61A 602-102-52T	1K OHM 5% 1/6W
R920	⚠	61A 602-102-52T	1K OHM 5% 1/6W
R921		95S 90- 23- A	TIN COATED
R922		61S 200-479-52T	4.7 OHM + – 1% 1/4W
R924		**61A 602-183-52T**	**18K OHM + – 5% 1/6W**
R925		**61A 602-242-52T**	**2.4K OHM + – 5% 1/6W**
R926		61A 602-474-52T	470K OHM 5% 1/6W
R927		61A 602-103 52T	10K OHM 5% 1/6W
R928		61S 172-220-52T	22 OHM 5% 1/4W
R931		61S 172-101-52T	100 OHM 5% 1/4W
R932		61A 602-103-52T	10K OHM 5% 1/6W
R933		61A 602-333-52T	33K OHM 5% 1/6W
R939		61S 172-200-52T	20 OHM 5% 1/4W
R940		61A 602-102-52T	1K OHM 5% 1/6W
R941		61S 200-473-52T	47K OHM + – 1% 1/4W
R944		61A 602-203-52T	20K OHM 5% 1/6W
R945		61S 175-470-52T	47 OHM 5% 1/2W
R947		61A 602-102-52T	1K OHM 5% 1/6W
R948		61S 175-134-52T	130K OHM + – 5% 1/2W
R949	⚠	61A 602-392-52T	3.9K OHM 5% 1/6W
R950		61A 602-223-52T	22K OHM 5% 1/6W
R951		**61A 602-183-52T**	**18K OHM + – 5% 1/6W**
R952		**61A 602-202-52T**	**2K OHM 5% 1/6W**
R953		61A 602-151-52T	150 OHM + – 5% 1/6W
R954		61A 602-105-52T	1M OHM 5% 1/6W
R956		61S 172-220-52T	22 OHM 5% 1/4W
R957		61A 602-103-52T	10K OHM 5% 1/6W
R960		61S 172-101-52T	100 OHM 5% 1/4W
R962		61A 602-472-52T	4.7K OHM 5% 1/6W
R963		61S 172-100-52T	10 OHM + – 5% 1/4W
R968		61A 602-333-52T	33K OHM 5% 1/6W
ZD301	⚠	93D 39- 52-52T	DIODE
ZD601		93D 39-124-52T	ZD 18-2/HITACHI
ZD801		**93C 39- 91-52T**	**7.78-8.19V DIODE**
ZD802		93D 39- 67-52T	ZENER DIODE
ZD803		93D 39- 43-52T	DIODE
ZD804		93D 39-124-52T	ZD 18-2/HITACHI
ZD851		93C 39- 91-52T	7.78-8.19V DIODE
ZD902		93D 39-102-52T	ZD HZ20-1 TAPING
ZD905		93D 39-102-52T	ZD HZ20-1 TAPING

APPL.	CM336-AIT	SPECIFICATION
C351	67A 301-479- 7T	4.7UF + – 20% 50V
C352	67A 301-100- 7T	10UF + – 20% 50V
C355	67A 301-101- 3T	100UF + – 20% 16V
C356	65S 450-103-33T	.01UF + 80-20% Z5U50V
C357	65A 444-121-13T	120PF K 50V
C358	65A 444-121-13T	120PF K 50V
C359	67A 301-101- 3T	100UF + – 20% 16V
C607	67A 301-470- 4T	47UF + – 20% 25V
C609	67A 301-100- 7T	10UF + – 20% 50V
C610	65S 450-103-33T	.01UF + 80-20% Z5U50V
C611	67A 301-109- 7T	1UF + – 20% 50V
C622	67A 301-101- 6T	100UF + – 20% 35V
C651	65S 444-102-13T	1000PF K Z5P 50V
C653	64A 177- 13-58T	0.01UF J 50V
C654	65S 450-103-33T	.01UF + 80 – 20% Z5U50V
C801	65S 444-101-13T	100PF K Z5P 50V
C802	65S 442-271-13T	270PF J 50V NPO
C803	65S 442-271-13T	270PF J 50V NPO
C804	64A 177- 8-58T	.0039UF + – 5% 50V
C809	67A 301-221- 3T	220UF + – 20% 16V
C810	64A 177- 13-58T	0.01UF J 50V
C8100	65S 444-101-13T	100PF K Z5P 50V

APPL.	CR336-AI	SPECIFICATION
C8101	67A 301-470- 3T	47UF + -20% 16V
C8102	64A 177- 3-58T	.0015UF + -5% 50V
C8113	67A 301-109- 7T	1UF + -20% 50V
C812	67A 301-101- 3T	100UF + -20% 16V
C851	64A 177- 3-58T	.0015UF + -5% 50V
C862	65S 444-101-13T	100PF K Z5P 50V
C865	67A 301-101- 3T	100UF + -20% 16V
C866	65S 442-331-13T	330PF J NPO 50V
C867	65S 444-102-13T	1000PF K Z5P 50V
C868	65S 450-103-33T	.01UF +80-20% Z5U50V
C869	65S 442-271-13T	270PF J 50V NPO
C870	67A 301-101- 4T	100UF + -20% 25V
C872	65S 442-151-13T	150PF J NPO 50V
C910	64A 177- 13-58T	0.01UF J 50V
C912	64A 177- 5-58T	0.0022UF J 50V
C913	67A 305-330- 4T	33UF + -20% 25V
C914	64A 177- 1-58T	0.001UF J 50V
C915	67A 305-101- 4T	100UF + -20% 25V
C918	64A 177- 5-58T	0.0022UF J 50V
C919	64A 177- 11-58T	.0068UF + -5% 50V
C922	65S 444-101-13T	100PF K Z5P 50V
C929	67A 305-101- 4T	100UF + -20% 25V
C933	67A 305-101- 4T	100UF + -20% 25V
C934	64A 177- 1-58T	0.001UF J 50V
C936	65S 444-561-13T	560PF K Z5P 50V
C940	64A 177- 5-58T	0.0022UF J 50V
C941	64A 177- 9-58T	0.0047UF 50V
C942	64A 177- 11-58T	.0068UF + -5% 50V
C943	64A 177- 13-58T	0.01UF J 50V
C950	64A 177- 13-58T	0.01UF J 50V
Q322	57A 419- P- T	TRAN 2SC945P TAPING
Q323	57A 419- P- T	TRAN 2SC945P TAPING
Q324	57A 419- P- T	TRAN 2SC945P TAPING
Q602	57A 549- 1- T	TRAN.2SC2001
Q603	57A 507- L- T	TRAN.2SA952L
Q606	57A 419- Q- T	TRAN 2SC945Q TAPING
Q616	57A 419- P- T	TRAN 2SC945P TAPING
Q801	57A 419- Q- T	TRAN 2SC945Q TAPING
Q807	57A 423- 8T- T	TRAN 2SC2482 TAPING
Q810	57A 419- P- T	TRAN 2SC945P TAPING
Q811	57A 420- P- T	TRAN 2SA733P TAPING
Q812	57A 419- P- T	TRAN 2SC945P TAPING
Q852	57A 419- Q- T	TRAN 2SC945Q TAPING
Q905	57A 420- P- T	TRAN 2SA733P TAPING
Q906	57A 420- P- T	TRAN 2SA733P TAPING
Q907	57A 419- P- T	TRAN 2SC945P TAPING
Q910	57A 419- P- T	TRAN 2SC945P TAPING
Q914	57A 419- P- T	TRAN 2SC945P TAPING
Q917	57A 420- P- T	TRAN 2SA733P TAPING

PARTS LIST OF IC602/IC903 ASS'Y

APPL.	705A 336-M56-602	705A 336-M56-903	SPECIFICATION
	90T 279- 2-		HEAT SINK
		90T 284- 1-	HEAT SINK
	N1S 330- 6-128	N1S 330- 6-128	SCREW
IC602	56A 325- 3-		15PIN I.C. TDA1675A
IC903		56A 133- 12-	3 PIN 12V REGULATOR

PARTS LIST OF Q809/Q901/Q911 ASS'Y

APPL.	705A 336-M57-809	705A 336-M57-901	705A 336-M57-911	SPECIFICATION
		5B 39- 9-	5B 39- 9-	NYLON
		32T3028- 2-	32T3028- 2-	MICA INSULATOR
			90T 233- 3-	HEAT SINK
		90T 279- 3-		HEAT SINK
	90T 287- 1-			HEAT SINK

APPL.		705A 336-M57-809	705A 336-M57-901	705A 336-M57-911	SPECIFICATION
			M2S 430- 2.4-128	M2S 430- 2.4-128	M3
	⚠	N1S 330- 10-128	N1S 330- 10-128	N1S 330- 10-128	M3X10
Q809		57A 429- 16-			TRANSISTOR
Q901			57A 666- 1-		MOSFET HV82/ST
Q911				57A 611- 1-	MOSFET IRF730/HARRIS
Q911				57A 611- 2-	POWER MOS FET IRF730

PARTS LIST OF D801/Q803 ASS'Y

APPL.		705A 336-M93-801	SPECIFICATION
		5B 39- 8-	WASHER
		32T3028- 5-	MICA
		32T3028- 8-	MICA
		90T 289- 3-	HEAT SINK
		M2S 430- 2.4-128	M3
		N1S 330- 10-128	M3X10
		N1S 330- 12-128	M3X12
		N1S 330- 14-128	M3X14
D801	⚠	93D 220- 3-	6A/1500V DTV32-1500
D801		93D 330- 2-	F R.D 1300/3A G3DR
Q803		57A 596- 1-	HORIZ.TR 2SC3688

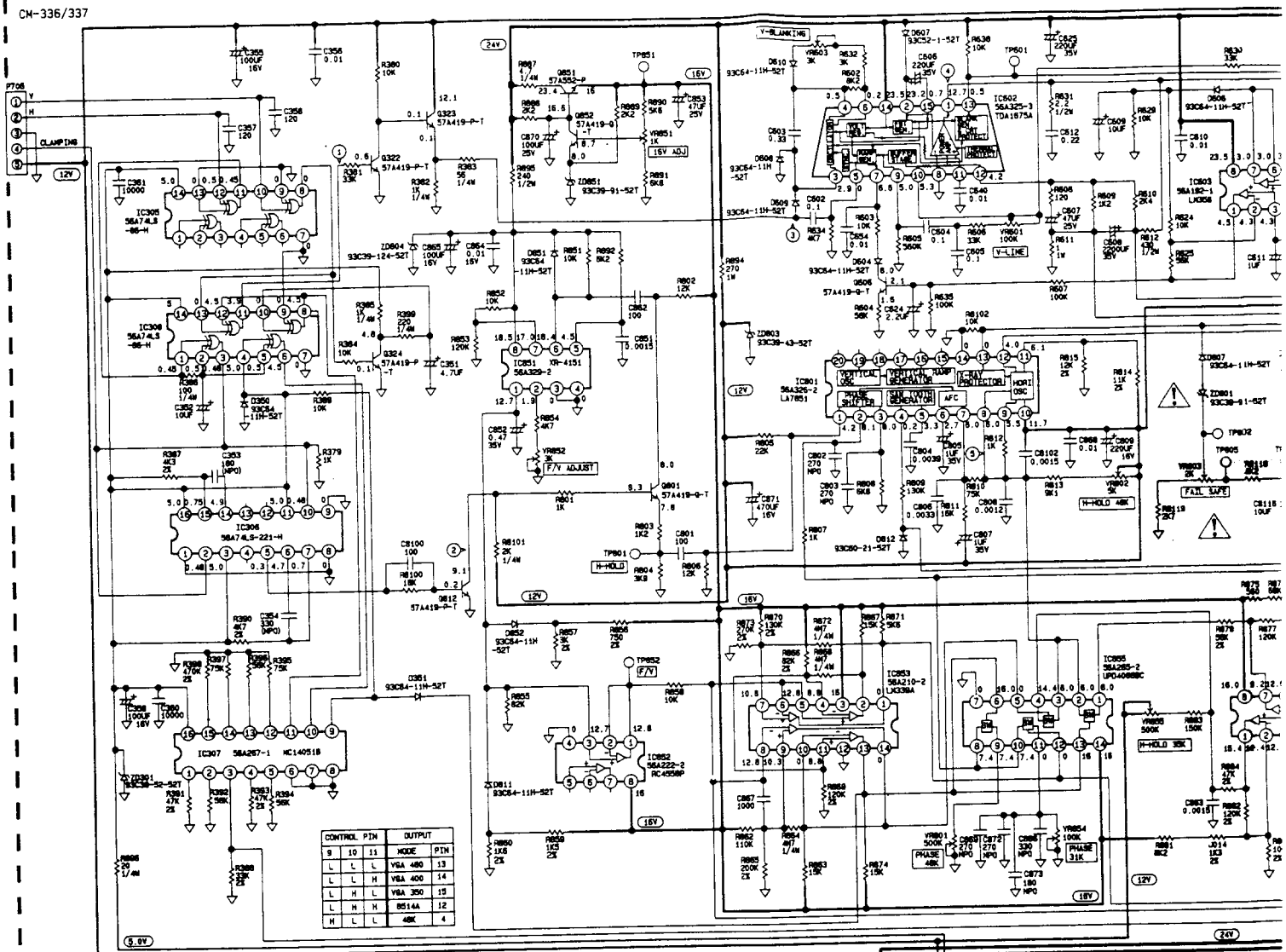
PARTS LIST OF AC SOCKET ASS'Y

APPL.	705 336-M95-048	SPECIFICATION
	87A 501- 5-	RECEPTACLES
	87A 501- 6-	RECEPTACLES
	95A207T- 354-048	UL1015#18/YEL STRAND
	96B 29- 6 130	96A29-6 0.5''

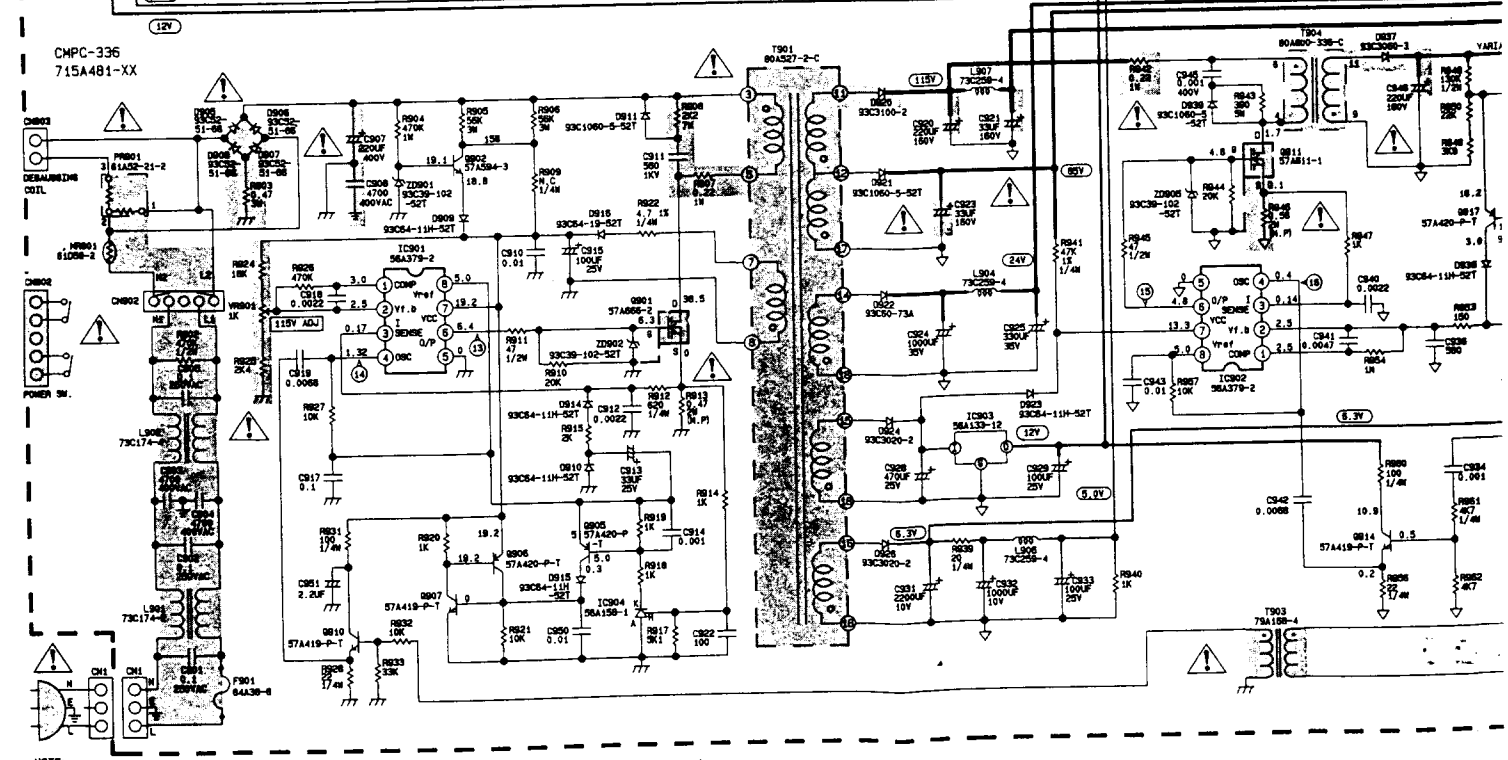
DIFFERENT PARTS LIST OF CM-336 & CM-337

APPL.	CM-336	CM-337	SPECIFICATION
R856	61S 601-751-52T		75 OHM + - 2% 1/6W
R856		61S 601-392-52T	3K9 OHM + - 2% 1/6W
R857	61S 601-302-52T		3K OHM + - 2% 1/6W
R857		61S 601-473-52T	47K OHM + - 2% 1/6W
R810	61S 602-753-52T		75K OHM + - 5% 1/6W
R810		61S 602-513-52T	51K OHM + - 5% 1/6W
	750A 5600- 5-		14'' N.G. 0.28MM CDT
	750A 5620- 5-	750A 5620- 5-	14'' N.G. 0.28MM CDT
	750A 5630- 5-	750A 5630- 5-	14'' N.G. 0.28MM CDT

CM-336/337



CMPC-336
715A481-XX



NOTE:

I.FOR CRT 750A5620-5 (TOSHIBA)

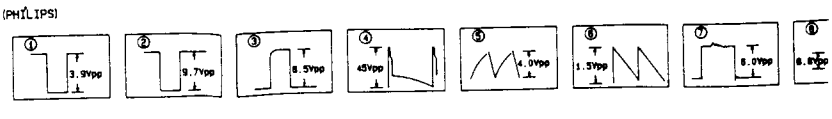
1.	C813	3900P	2KV
2.	C8106	0.027UF	400V
3.	R830	270K	1/2W
4.	C720	150P	50V

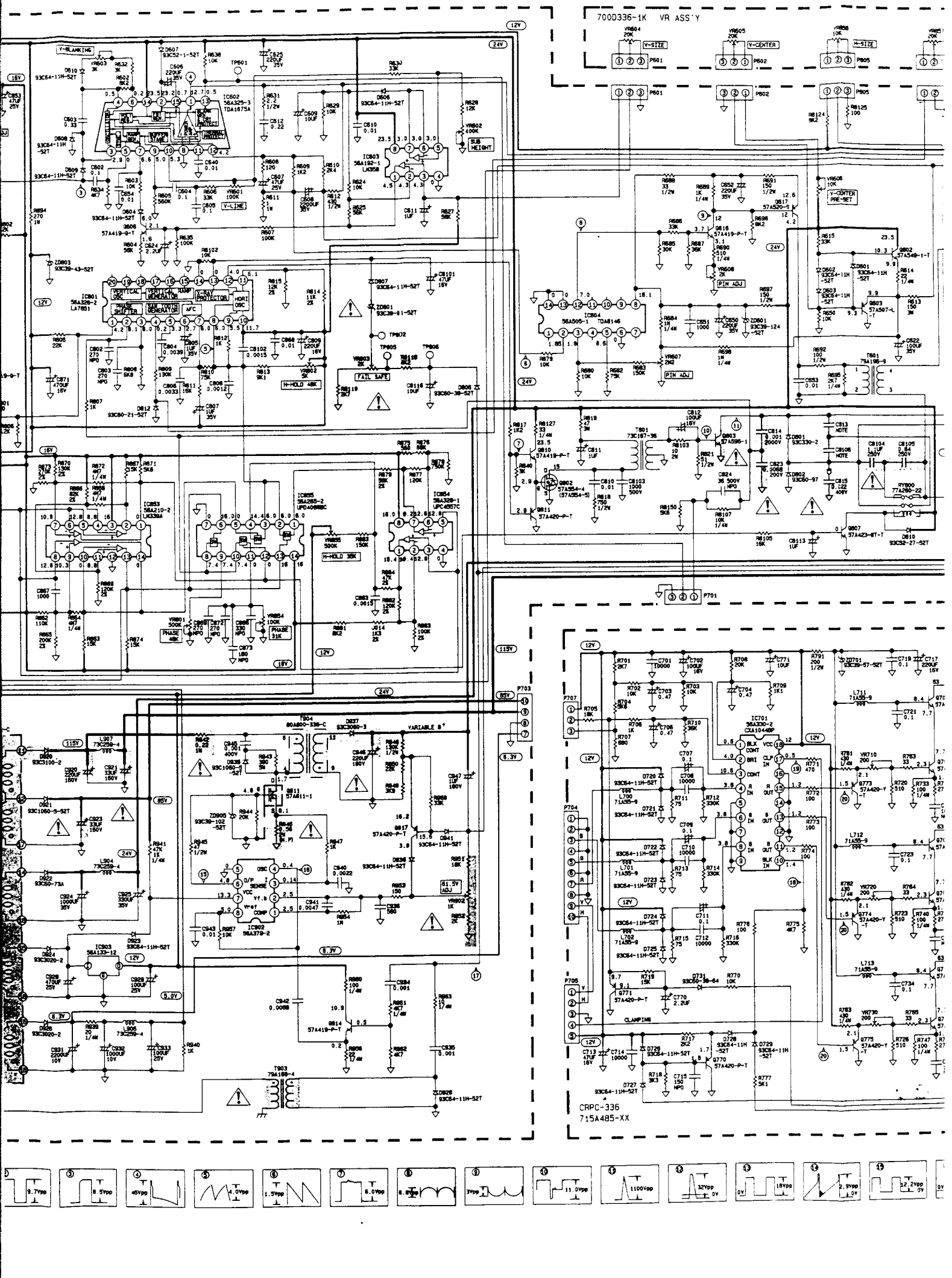
II.FOR CRT 750A5600-5 (HITACHI)

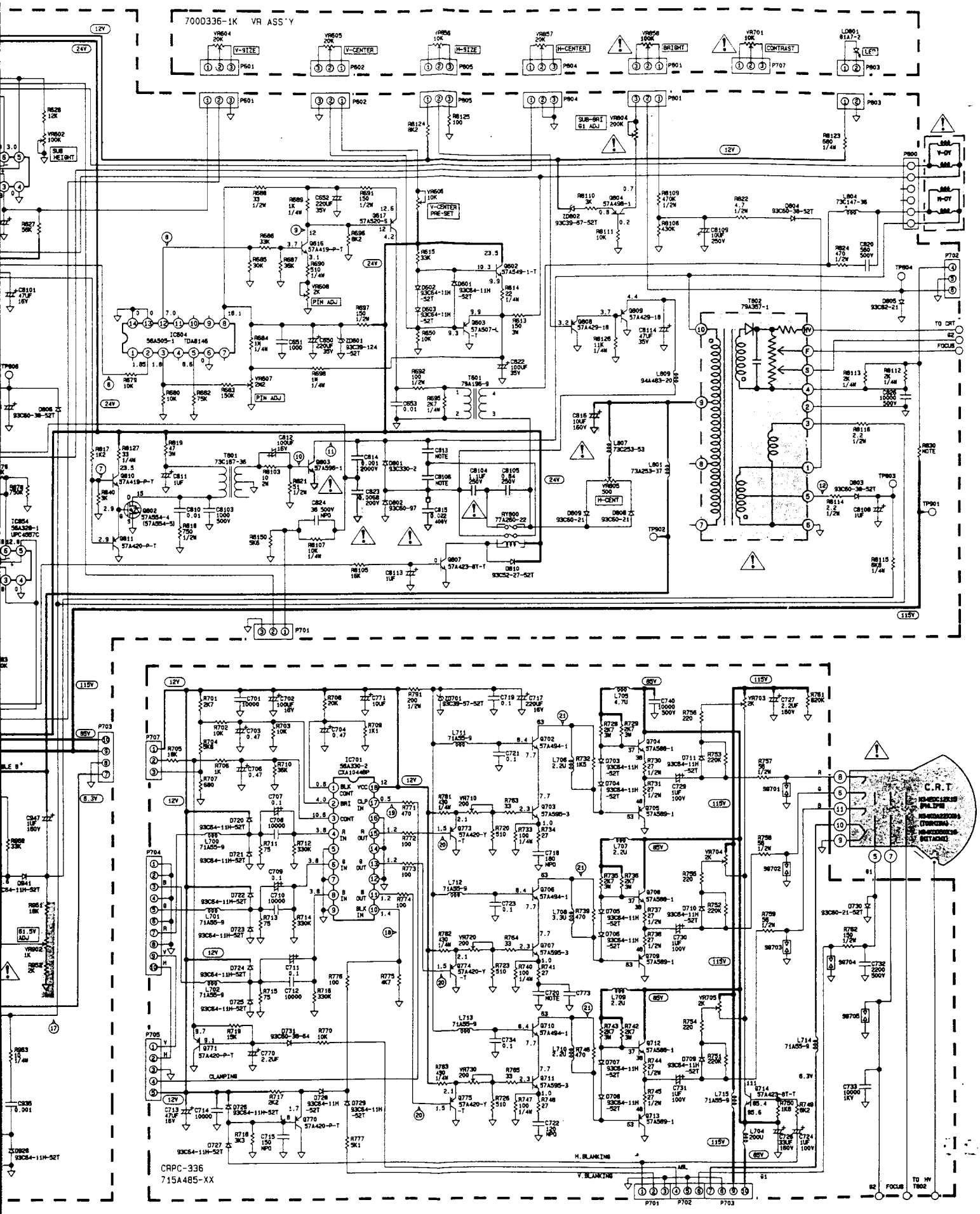
1.	C813	4300P	2KV
2.	C8106	0.033UF	400V
3.	R830	220K	1/2W
4.	C720	150P	50V

III.FOR CRT 750A5630-5 (PHILIPS)

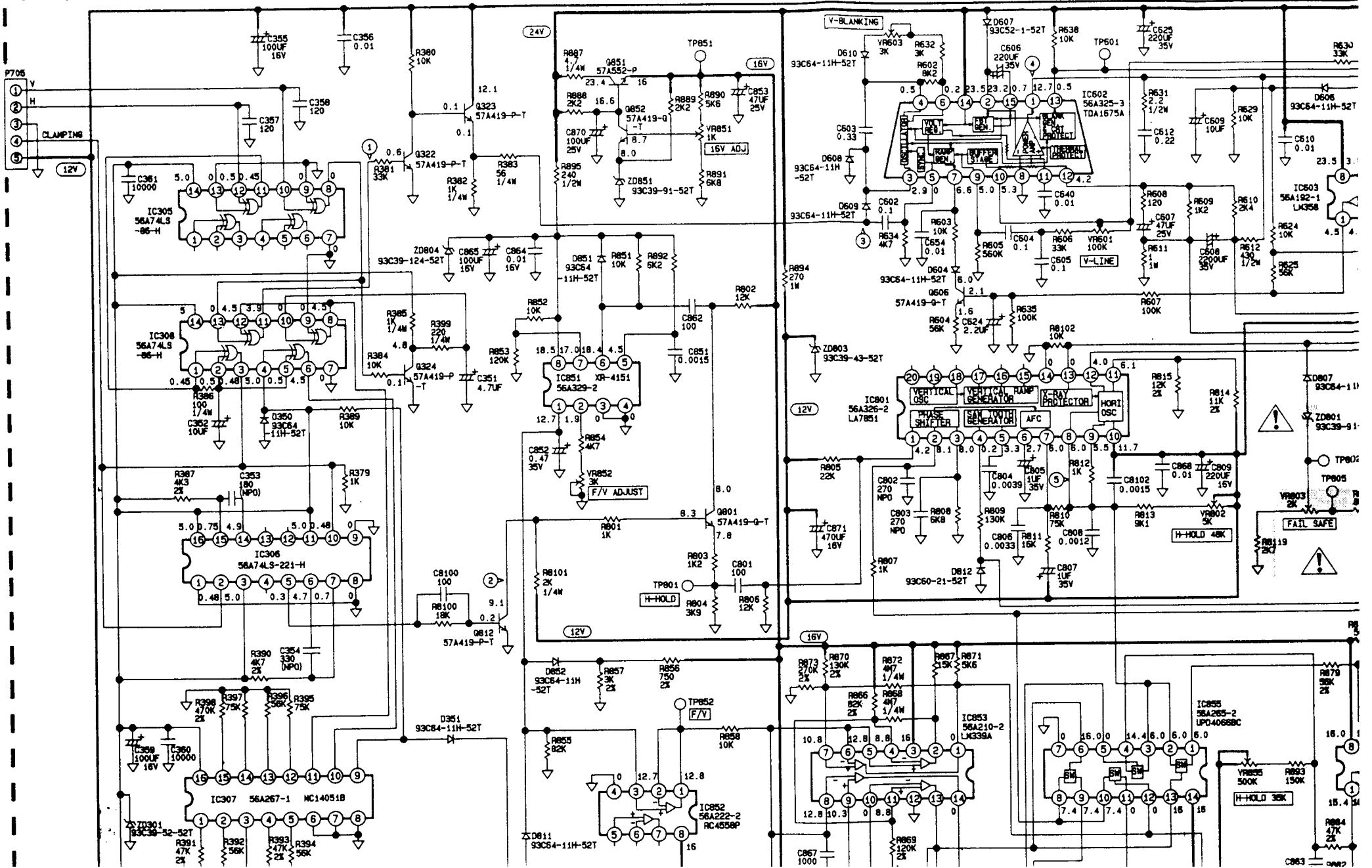
1.	C813	4300P	2KV
2.	C8106	0.033UF	400V
3.	R830	300K	1/2W
4.	C720	180P	50V

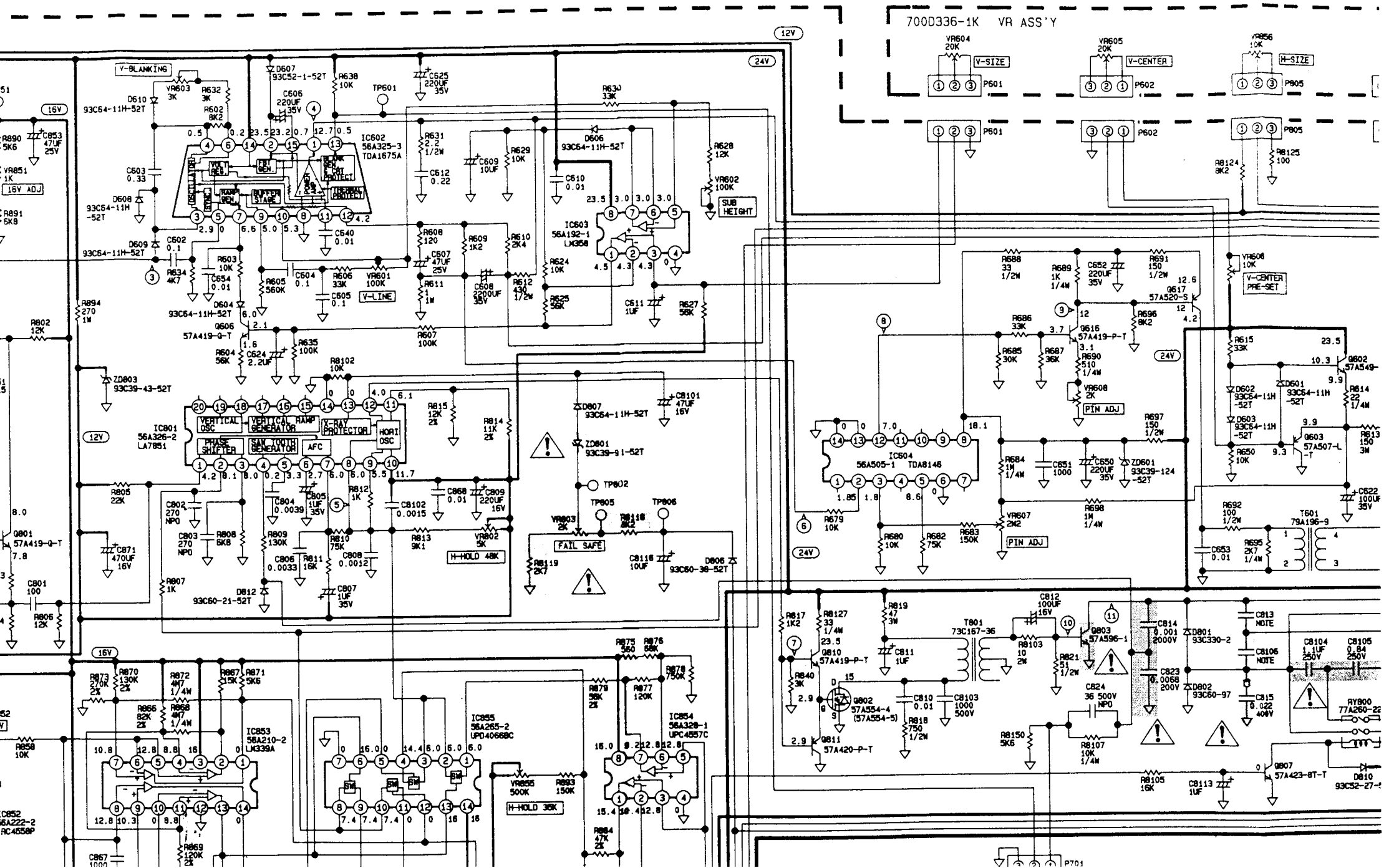


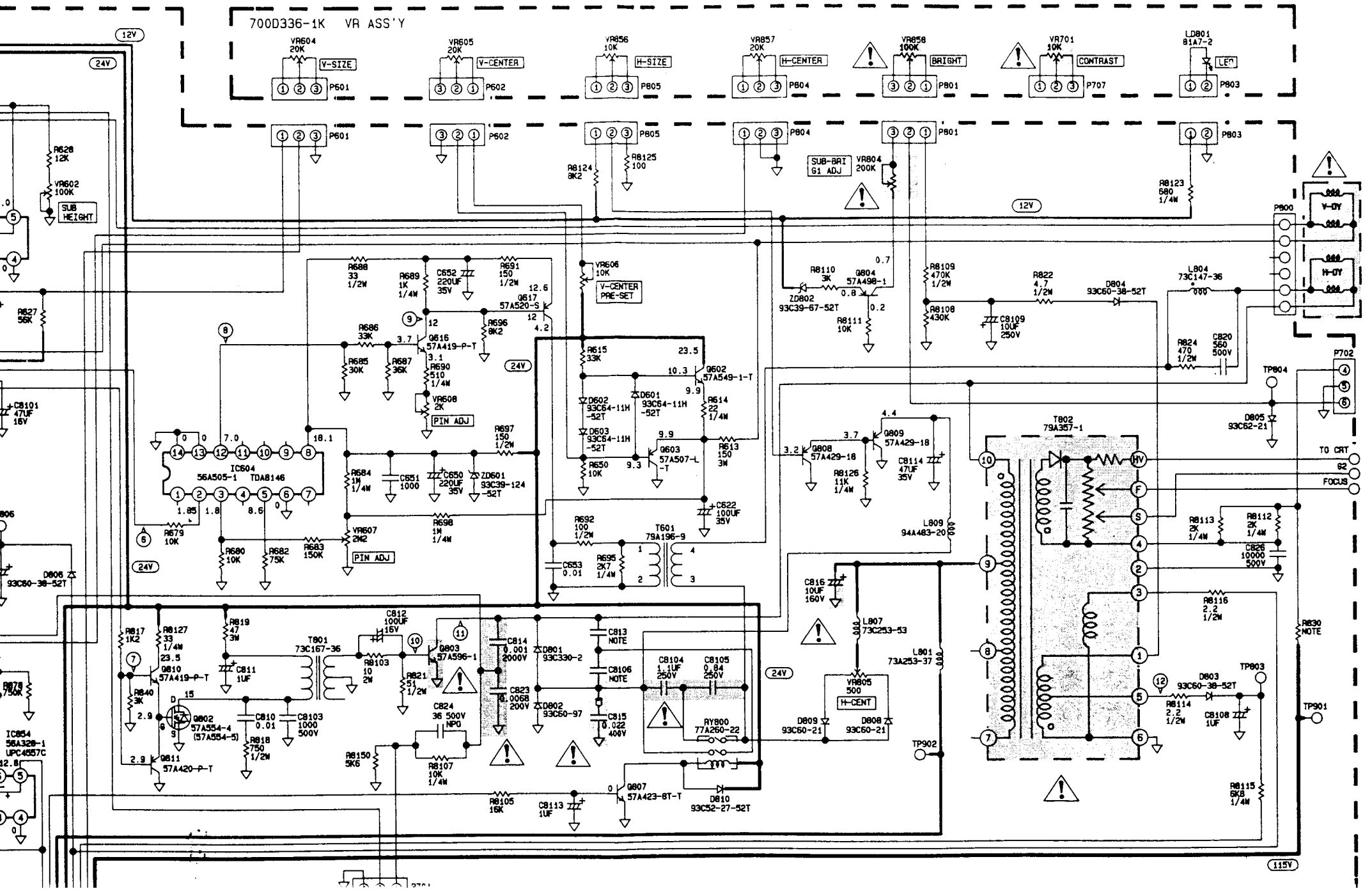

700D336-1K VR ASS'Y
V-SIZE
V-CENTER
H-SIZE
V-BLANKING
V-LINE
V-CENTER PRE-SET
PIN ADJ
H-HOLD 48K
H-HOLD 36K
FAIL SAFE
SUB HEIGHT
CLAMPING
CRPC-336
715A485-XX

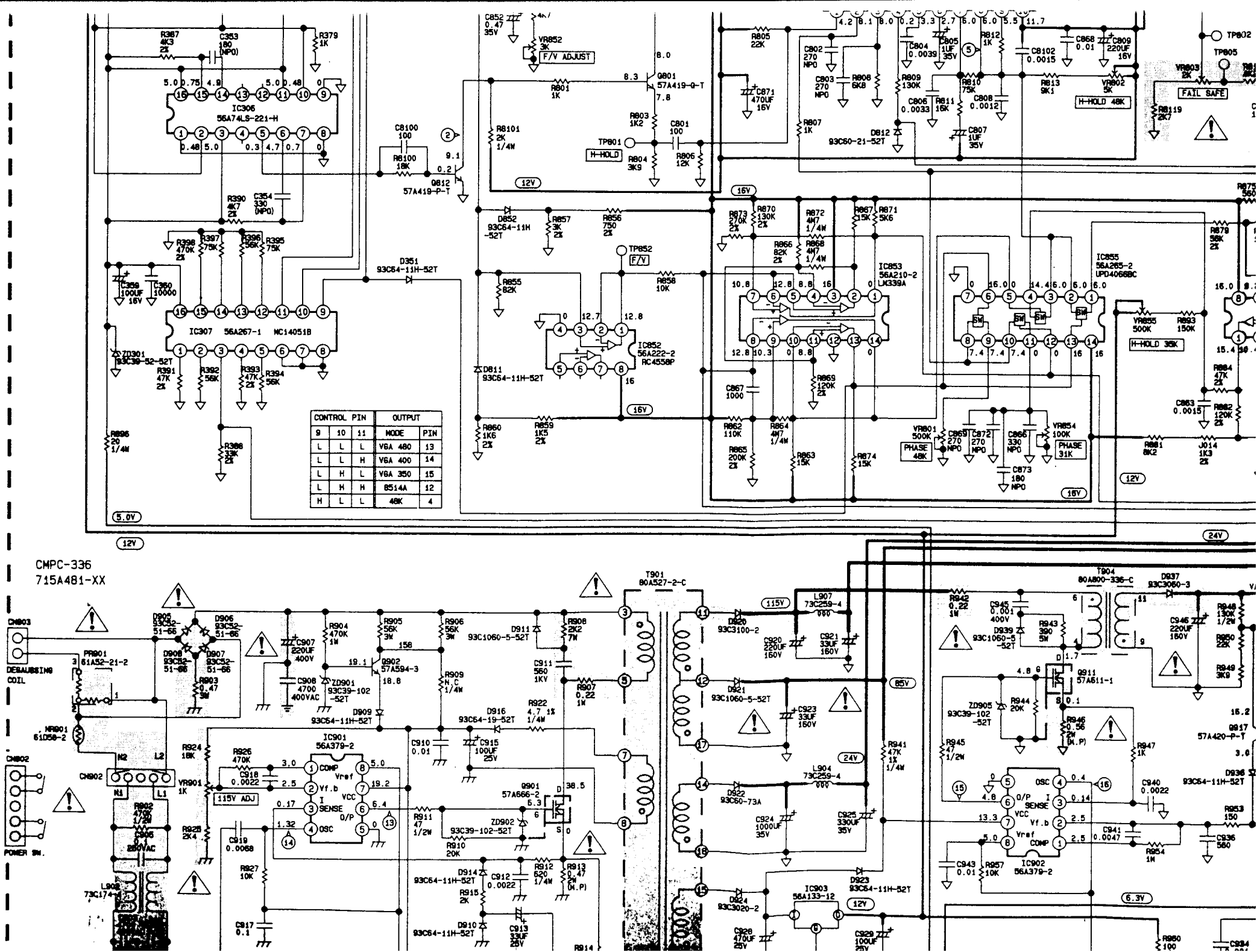

7000336-1K VR ASS'Y
V-SIZE
V-CENTER
H-SIZE
H-CENTER
BRIGHT
CONTRAST
SUB HEIGHT
SUB-BRI G1 ADJ
V-CENTER PRE-SET
PIN ADJ
H-CENT
TO CRT
G2
FOCUS
C.R.T.
CLAMPING
H.BLANKING
V.BLANKING
ABL
TO HV T802
CRPC-336
715A485-XX

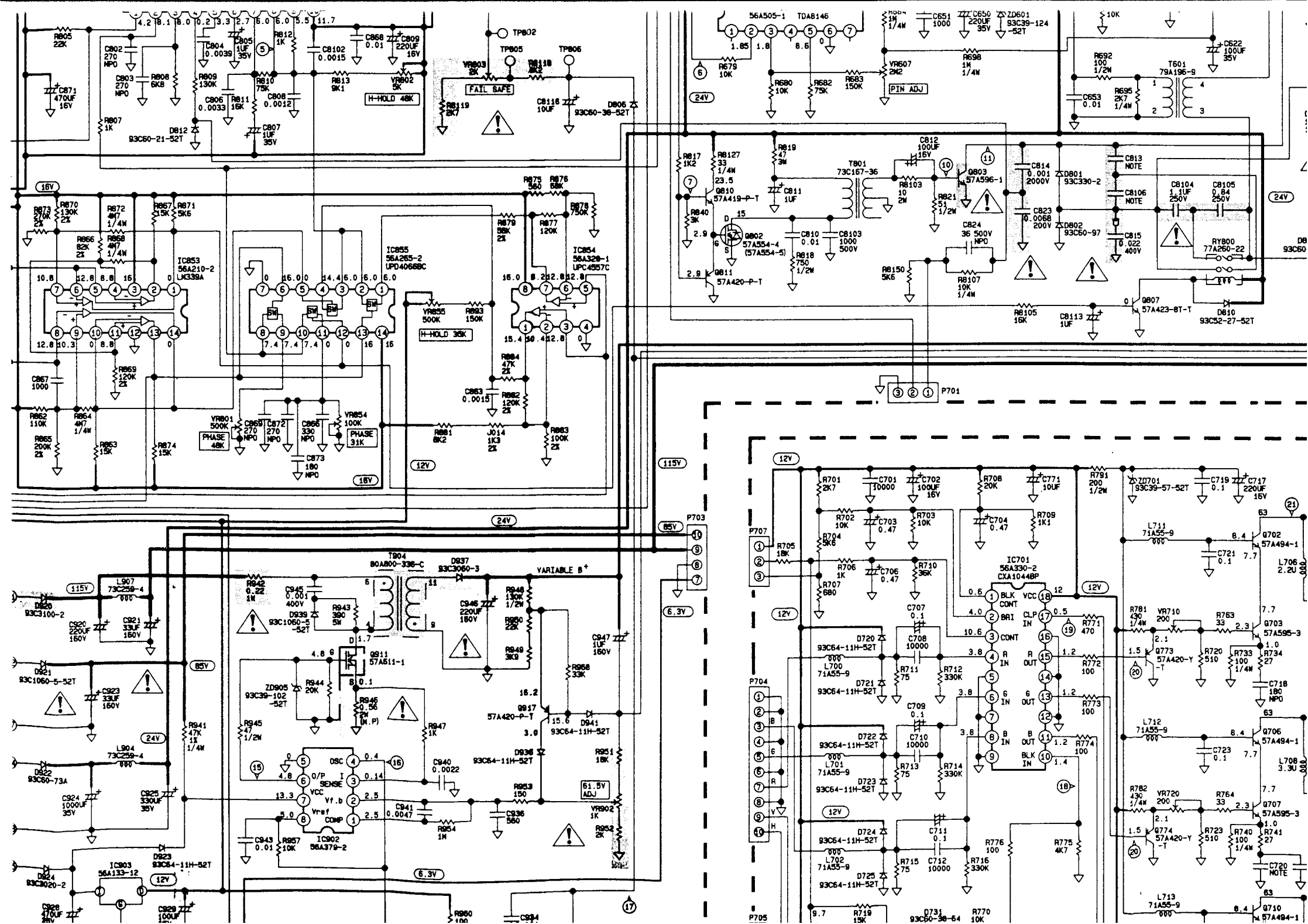
CM-336/337

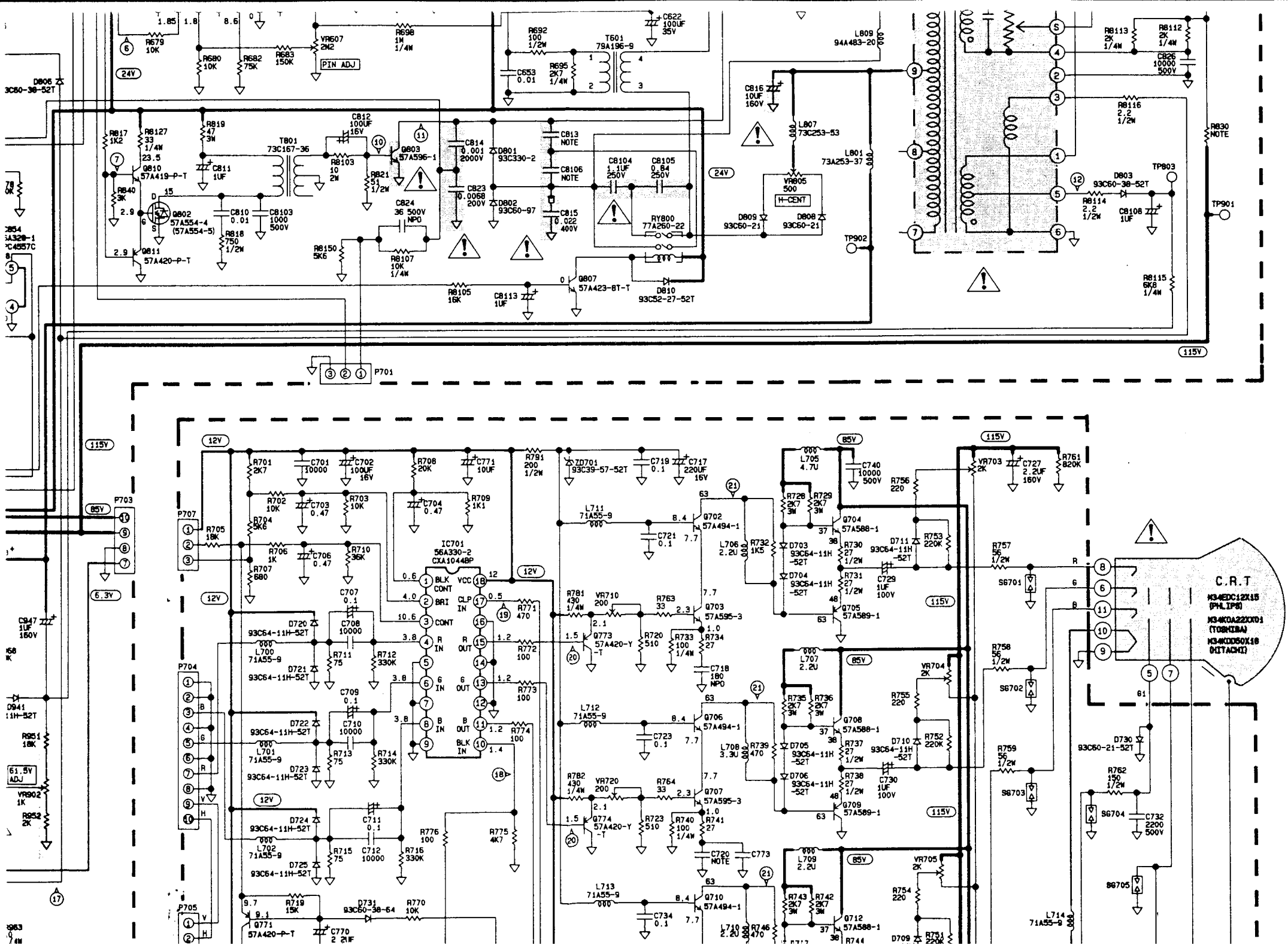

P705
CLAMPING
IC305 56A74LS -86-H
IC306 56A74LS-221-H
IC307 56A267-1 MC14051B
IC308 56A74LS -86-H
IC801 56A326-2 LA7851
IC602 56A325-3 TDA1675A
IC603 56A192-1 LM358
IC851 56A329-2
IC852 56A222-2 RC4558P
IC853 56A210-2 LM339A
IC855 56A265-2 UPD40668C
V-BLANKING
V-LINE
16V ADJ
F/V ADJUST
H-HOLD
F/V
H-HOLD 48K
H-HOLD 35K
FAIL SAFE
VERTICAL OSC
VERTICAL RAMP GENERATOR
X-RAY PROTECTOR
HORI OSC
PHASE SHIFTER
SAW TOOTH GENERATOR
AFC
24V
16V
12V


700D336-1K VR ASS'Y
VR604 20K V-SIZE P601
VR605 20K V-CENTER P602
VR856 10K H-SIZE P805
12V
24V
16V
V-BLANKING
VR603 3K
D610 93C64-11H-52T
R632 3K
R602 8K2
ZD607 93C52-1-52T
R638 10K
C606 220UF 35V
TP601
C625 220UF 35V
R630 33K
IC602 56A325-3 TDA1675A
VOLT REG.
BLANK GEN
CRT PROTECT
RAMP GEN
BUFFER STAGE
THERMAL PROTECT
R631 2.2 1/2W
C612 0.22
C609 10UF
R629 10K
D606 93C64-11H-52T
C610 0.01
R628 12K
VR602 100K
SUB HEIGHT
IC603 56A192-1 LM358
C603 0.33
D608 93C64-11H -52T
D609 93C64-11H-52T
C602 0.1
R634 4K7
R603 10K
C654 0.01
R605 560K
C604 0.1
R606 33K
VR601 100K
V-LINE
C605 0.1
R608 120
C607 47UF 25V
R609 1K2
R610 2K4
R611 1 1W
C608 2200UF 35V
R612 430 1/2W
R624 10K
R625 56K
C611 1UF
R627 56K
D604 93C64-11H-52T
Q606 57A419-Q-T
R604 56K
C624 2.2UF
R635 100K
R607 100K
R894 270 1W
R802 12K
ZD803 93C39-43-52T
R8102 10K
IC801 56A326-2 LA7851
VERTICAL OSC
VERTICAL RAMP GENERATOR
X-RAY PROTECTOR
HORI OSC
PHASE SHIFTER
SAW TOOTH GENERATOR
AFC
R815 12K 2%
R814 11K 2%
C805 1UF 35V
C804 0.0039
C802 270 NPO
C803 270 NPO
R808 6K8
R805 22K
R809 130K
C806 0.0033
R811 16K
R812 1K
C8102 0.0015
C868 0.01
C809 220UF 16V
R810 75K
C808 0.0012
R813 9K1
VR802 5K
H-HOLD 48K
C807 1UF 35V
D812 93C60-21-52T
R807 1K
C871 470UF 16V
Q801 57A419-Q-T
C801 100
R806 12K
R858 10K
D807 93C64-11H-52T
C8101 47UF 16V
ZD801 93C39-91-52T
TP802
TP805
TP806
VR803 2K
R8118 8K2
FAIL SAFE
R8119 2K7
C8116 10UF
D806 93C60-36-52T
R688 33 1/2W
R689 1K 1/4W
C652 220UF 35V
R691 150 1/2W
Q617 57A520-S-K
R686 33K
Q616 57A419-P-T
R696 8K2
R685 30K
R687 36K
R690 510 1/4W
VR608 2K
PIN ADJ
IC604 56A505-1 TDA8146
R697 150 1/2W
R684 1M 1/4W
C651 1000
C650 220UF 35V
ZD601 93C39-124 -52T
R679 10K
R680 10K
R682 75K
R683 150K
VR607 2M2
PIN ADJ
R698 1M 1/4W
VR606 10K
V-CENTER PRE-SET
R615 33K
Q602 57A549-
ZD602 93C64-11H -52T
ZD601 93C64-11H -52T
ZD603 93C64-11H -52T
Q603 57A507-L -T
R814 22 1/4W
R813 150 3W
R650 10K
C622 100UF 35V
R692 100 1/2W
T601 79A196-9
C653 0.01
R695 2K7 1/4W
R8124 8K2
R8125 100
R873 270K 2%
R870 130K 2%
R872 4M7 1/4W
R867 15K
R871 5K6
R866 82K 2%
R868 4M7 1/4W
IC853 56A210-2 LM339A
R858 10K
C852 56A222-2 RC4558P
C867 1000
R869 120K 2%
IC855 56A265-2 UPD4066BC
R875 560
R876 68K
R879 68K 2%
R877 120K
R878 750K
IC854 56A328-1 UPC4557C
VR855 500K
R883 150K
H-HOLD 36K
R884 47K 2%
R817 1K2
R8127 33 1/4W
R819 47 3W
T801 73C167-36
C812 100UF 16V
Q803 57A596-1
C811 1UF
R840 3K
Q810 57A419-P-T
Q802 57A554-4 (57A554-5)
C810 0.01
C8103 1000 500V
R818 750 1/2W
Q811 57A420-P-T
R8103 10 2W
R821 51 1/2W
C824 36 500V NPO
R8150 5K6
R8107 10K 1/4W
C814 0.001 2000V
C823 0.0068 200V
C813 NOTE
C8106 NOTE
C8104 1.1UF 250V
C8105 0.84 250V
D801 93C330-2
D802 93C60-97
C815 0.022 400V
RY800 77A260-22
R8105 16K
C8113 1UF
Q807 57A423-8T-T
D810 93C52-27-
P701


700D336-1K VR ASS'Y
VR604 20K V-SIZE P601
VR605 20K V-CENTER P602
VR856 10K H-SIZE P805
VR857 20K H-CENTER P804
VR858 100K BRIGHT P801
VR701 10K CONTRAST P707
LD801 81A7-2 LED P803
SUB-BRI G1 ADJ VR804 200K
V-DY
H-DY
P800
P702
TP804
TP903
TP902
TP901
TO CRT
G2
FOCUS
IC604 56A505-1 TDA8146
T801 73C167-36
T802 79A357-1
T601 79A196-9
L801 73A253-37
L804 73C147-36
L807 73C253-53
L809 94A483-20
RY800 77A260-22
VR606 10K V-CENTER PRE-SET
VR607 2K2 PIN ADJ
VR608 2K PIN ADJ
VR602 100K SUB HEIGHT
VR805 500 H-CENT
ZD802 93C39-67-52T
ZD601 93C39-124-52T
Q616 57A419-P-T
Q617 57A520-S
Q602 57A549-1-T
Q603 57A507-L-T
Q804 57A498-1
Q808 57A429-18
Q809 57A429-18
Q810 57A419-P-T
Q811 57A420-P-T
Q802 57A554-4 (57A554-5)
Q803 57A596-1
Q807 57A423-8T-T
D602 93C64-11H -52T
D601 93C64-11H -52T
D603 93C64-11H -52T
D801 93C330-2
D802 93C60-97
D804 93C60-38-52T
D805 93C62-21
D806 93C60-38-52T
D809 93C60-21
D808 93C60-21
D803 93C60-38-52T
D810 93C52-27-52T
12V
24V
115V


CMPC-336
715A481-XX
IC306
56A74LS-221-H
IC307 56A267-1 MC14051B
IC901
56A379-2
IC852
56A222-2
RC4558P
IC853
56A210-2
LM339A
IC855
56A265-2
UPD4066BC
IC902
56A379-2
IC903
56A133-12
T901
80A527-2-C
T904
80A800-336-C
F/V ADJUST
H-HOLD
FAIL SAFE
H-HOLD 48K
H-HOLD 36K
PHASE 48K
PHASE 31K
115V ADJ
DEGAUSSING COIL
POWER SW.
CONTROL PIN
OUTPUT
9
10
11
MODE
PIN
L L L VGA 480 13
L L H VGA 400 14
L H L VGA 350 15
L H H 8514A 12
H L L 48K 4
5.0V
12V
15V
24V
85V
115V
6.3V


R805 22K
C802 270 NPO
C803 270 NPO
C804 0.0039
C805 1UF 35V
R808 6K8
R809 130K
C806 0.0033
R811 16K
R810 75K
R812 1K
C808 0.0012
C807 1UF 35V
C8102 0.0015
C868 0.01
C809 220UF 16V
R813 9K1
VR802 5K
H-HOLD 48K
C871 470UF 16V
R807 1K
D812 93C50-21-52T
TP802
TP805
TP806
VR803 2K
FAIL SAFE
R8119 2K7
C8116 10UF
D806 93C50-38-52T
56A505-1
TDA8146
C651 1000
C650 220UF 35V
ZD601 93C39-124-52T
R679 10K
R680 10K
R682 75K
R683 150K
VR607 2K2
PIN ADJ
R698 1M 1/4W
R692 100 1/2W
R695 2K7 1/4W
T601 79A196-9
C653 0.01
C622 100UF 35V
R817 1K2
R8127 33 1/4W
Q810 57A419-P-T
R840 3K
R819 47 3W
C811 1UF
T801 73C167-36
C812 100UF 16V
R8103 10 2W
Q803 57A596-1
R821 51 1/2W
Q802 57A554-4 (57A554-5)
C810 0.01
C8103 1000 500V
R818 750 1/2W
Q811 57A420-P-T
C824 36 500V NPO
R8150 5K6
R8107 10K 1/4W
C814 0.001 2000V
C823 0.0068 200V
D801 93C330-2
D802 93C50-97
C813 NOTE
C8106 NOTE
C815 0.022 400V
C8104 1.1UF 250V
C8105 0.84 250V
RY800 77A260-22
R8105 16K
C8113 1UF
Q807 57A423-8T-T
D810 93C52-27-52T
R873 270K 2%
R870 130K 2%
R872 4M7 1/4W
R867 15K
R871 5K6
R866 82K 2%
R868 4M7 1/4W
IC853 56A210-2 LM339A
R869 120K 2%
C867 1000
R862 110K
R864 4M7 1/4W
R865 200K 2%
R863 15K
R874 15K
R875 560
R876 68K
R879 750K
R878 68K 2%
R877 120K
IC855 56A265-2 UPD4066BC
IC854 56A320-1 UPC4557C
R884 47K 2%
C863 0.0015
R882 120K 2%
VR855 500K
R883 150K
H-HOLD 36K
VR801 500K
PHASE 48K
C869 270 NPO
C872 270 NPO
C865 330 NPO
VR854 100K
PHASE 31K
C873 180 NPO
R881 8K2
J014 1K3 2%
R883 100K 2%
P701
T904 BOA800-336-C
D937 93C3060-3
VARIABLE B+
L907 73C259-4
D920 93C3100-2
C920 220UF 160V
C921 33UF 160V
R942 0.22 1W
C945 0.001 400V
D939 93C1060-5-52T
R943 390 5W
C946 220UF 160V
R948 130K 1/2W
R950 22K
R949 3K9
C947 1UF 160V
R958 33K
D921 93C1060-5-52T
C923 33UF 160V
R941 47K 1% 1/4W
L904 73C259-4
D922 93C60-73A
C924 1000UF 35V
C925 330UF 35V
ZD905 93C39-102-52T
R944 20K
R946 0.56 2W (M.P)
R945 47 1/2W
R947 1K
Q911 57A611-1
Q917 57A420-P-T
D941 93C64-11H-52T
D938 93C64-11H-52T
R951 18K
R953 150
61.5V ADJ
VR902 1K
R952 2K
C940 0.0022
C941 0.0047
R954 1M
C936 560
IC902 56A379-2
C943 0.01
R957 10K
IC903 56A133-12
D923 93C64-11H-52T
D924 93C3020-2
C926 470UF
C929 100UF
R960 100
C934
P703
P704
P705
P707
R701 2K7
C701 10000
C702 100UF 16V
R708 20K
C771 10UF
R781 200 1/2W
ZD701 93C39-57-52T
C719 0.1
C717 220UF 15V
R702 10K
C703 0.47
R703 10K
C704 0.47
R709 1K1
R704 5K6
R705 18K
R706 1K
C706 0.47
R710 36K
R707 680
IC701 56A330-2 CXA1044BP
BLK CONT
BRI
CONT
R IN
G IN
B IN
BLK IN
VCC
CLP IN
R OUT
G OUT
B OUT
C707 0.1
C708 10000
C709 0.1
C710 10000
C711 0.1
C712 10000
R771 470
R772 100
R773 100
R774 100
R775 4K7
R776 100
R711 75
R712 330K
R713 75
R714 330K
R715 75
R716 330K
D720 93C64-11H-52T
D721 93C64-11H-52T
D722 93C64-11H-52T
D723 93C64-11H-52T
D724 93C64-11H-52T
D725 93C64-11H-52T
D731 93C50-38-64
R770 10K
R719 15K
L700 71A55-9
L701 71A55-9
L702 71A55-9
L711 71A55-9
L712 71A55-9
L713 71A55-9
C721 0.1
C723 0.1
L706 2.2U
L708 3.3U
R781 430 1/4W
VR710 200
R763 33
Q773 57A420-Y -T
R720 510
R733 100 1/4W
R734 27
C718 180 NPO
Q702 57A494-1
Q703 57A595-3
R782 430 1/4W
VR720 200
R764 33
Q774 57A420-Y -T
R723 510
R740 100 1/4W
R741 27
C720 NOTE
Q706 57A494-1
Q707 57A595-3
Q710 57A494-1


R679 10K
R680 10K
R682 75K
R683 150K
VR607 2K2
PIN ADJ
R698 1M 1/4W
R692 100 1/2W
T601 79A196-9
C622 100UF 35V
C653 0.01
R695 2K7 1/4W
L809 94A483-20
C816 10UF 160V
L807 73C253-53
L801 73A253-37
VR805 500 H-CENT
D809 93C60-21
D808 93C60-21
TP902
R8113 2K 1/4W
R8112 2K 1/4W
C826 10000 500V
R8116 2.2 1/2W
R830 NOTE
TP903
TP901
D803 93C60-38-52T
R8114 2.2 1/2W
C8108 1UF
R8115 6K8 1/4W
D806 3C60-38-52T
R817 1K2
R8127 33 1/4W 23.5
Q810 57A419-P-T
R819 47 3W
C811 1UF
R840 3K
Q802 57A554-4 (57A554-5)
Q811 57A420-P-T
C810 0.01
C8103 1000 500V
R818 750 1/2W
TB01 73C167-36
C812 100UF 16V
R8103 10 2W
Q803 57A596-1
R821 51 1/2W
C824 36 500V NPO
R8107 10K 1/4W
R8150 5K6
C814 0.001 2000V
C823 0.0068 200V
D801 93C330-2
D802 93C60-97
C813 NOTE
C8106 NOTE
C8104 1.1UF 250V
C8105 0.84 250V
RY800 77A260-22
C815 0.022 400V
R8105 16K
C8113 1UF
Q807 57A423-BT-T
D810 93C52-27-52T
24V
115V
P701
R701 2K7
C701 10000
C702 100UF 16V
R708 20K
C771 10UF
R791 200 1/2W
ZD701 93C39-57-52T
C719 0.1
C717 220UF 16V
R702 10K
C703 0.47
R703 10K
C704 0.47
R709 1K1
R704 5K6
R705 18K
R706 1K
C706 0.47
R710 36K
R707 680
IC701 56A330-2 CXA1044BP
BLK CONT
BRI
CONT
VCC
CLP IN
R IN
G IN
B IN
BLK IN
R OUT
G OUT
B OUT
C707 0.1
C708 10000
C709 0.1
C710 10000
C711 0.1
C712 10000
R711 75
R712 330K
R713 75
R714 330K
R715 75
R716 330K
R771 470
R772 100
R773 100
R774 100
R775 4K7
R776 100
D720 93C64-11H-52T
D721 93C64-11H-52T
D722 93C64-11H-52T
D723 93C64-11H-52T
D724 93C64-11H-52T
D725 93C64-11H-52T
L700 71A55-9
L701 71A55-9
L702 71A55-9
P704
P705
P707
R719 15K
D731 93C60-38-64
R770 10K
Q771 57A420-P-T
C770 2.2UF
L711 71A55-9
L712 71A55-9
L713 71A55-9
C721 0.1
C723 0.1
C734 0.1
Q702 57A494-1
Q706 57A494-1
Q710 57A494-1
L706 2.2U
L708 3.3U
L710 2.2U
R732 1K5
R739 470
R746 470
R781 430 1/4W
R782 430 1/4W
VR710 200
VR720 200
R763 33
R764 33
Q703 57A595-3
Q707 57A595-3
Q773 57A420-Y -T
Q774 57A420-Y -T
R720 510
R723 510
R733 100 1/4W
R734 27
R740 100 1/4W
R741 27
C718 180 NPO
C720 NOTE
C773
L705 4.7U
L709 2.2U
L714 71A55-9
C740 10000 500V
R726 2K7 3W
R729 2K7 3W
R735 2K7 3W
R736 2K7 3W
R743 2K7 3W
R742 2K7 3W
Q704 57A588-1
Q708 57A588-1
Q712 57A588-1
D703 93C64-11H -52T
D704 93C64-11H -52T
D705 93C64-11H -52T
D706 93C64-11H -52T
D709 93C64-11H -52T
D710 93C64-11H -52T
D711 93C64-11H -52T
R730 27 1/2W
R731 27 1/2W
R737 27 1/2W
R738 27 1/2W
R744 27 1/2W
R745 27 1/2W
C729 1UF 100V
C730 1UF 100V
Q705 57A589-1
Q709 57A589-1
R753 220K
R752 220K
R754 220K
R755 220
R756 220
VR703 2K
VR704 2K
VR705 2K
C727 2.2UF 160V
R761 820K
R757 1/2W
R758 56 1/2W
R759 56 1/2W
S6701
S6702
S6703
S6704
S6705
C732 2200 500V
D730 93C60-21-52T
R762 150 1/2W
C.R.T
M34EDC12X15 (PHLIPS)
M34KOA222XX01 (TOSHIBA)
M34KDD50X10 (HITACHI)
P703
C947 1UF 150V
D941 11H-52T
R951 18K
R952 2K
VR902 1K
61.5V ADJ
6.3V
85V
12V

CMPC-336
715A481-XX

CONTROL PIN			OUTPUT	
9	10	11	MODE	PIN
L	L	L	VGA 480	13
L	L	H	VGA 400	14
L	H	L	VGA 350	15
L	H	H	8514A	12
H	L	L	48K	4

NOTE:

I.FOR CRT 750A5620-5 (TOSHIBA)

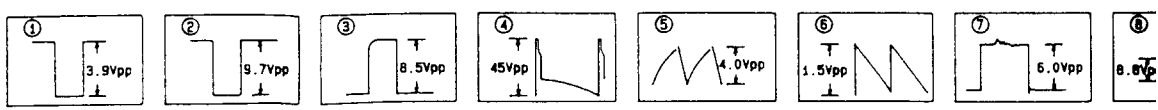
1.	C813	3900P	2KV
2.	C8106	0.027UF	400V
3.	R830	270K	1/2W
4.	C720	150P	50V

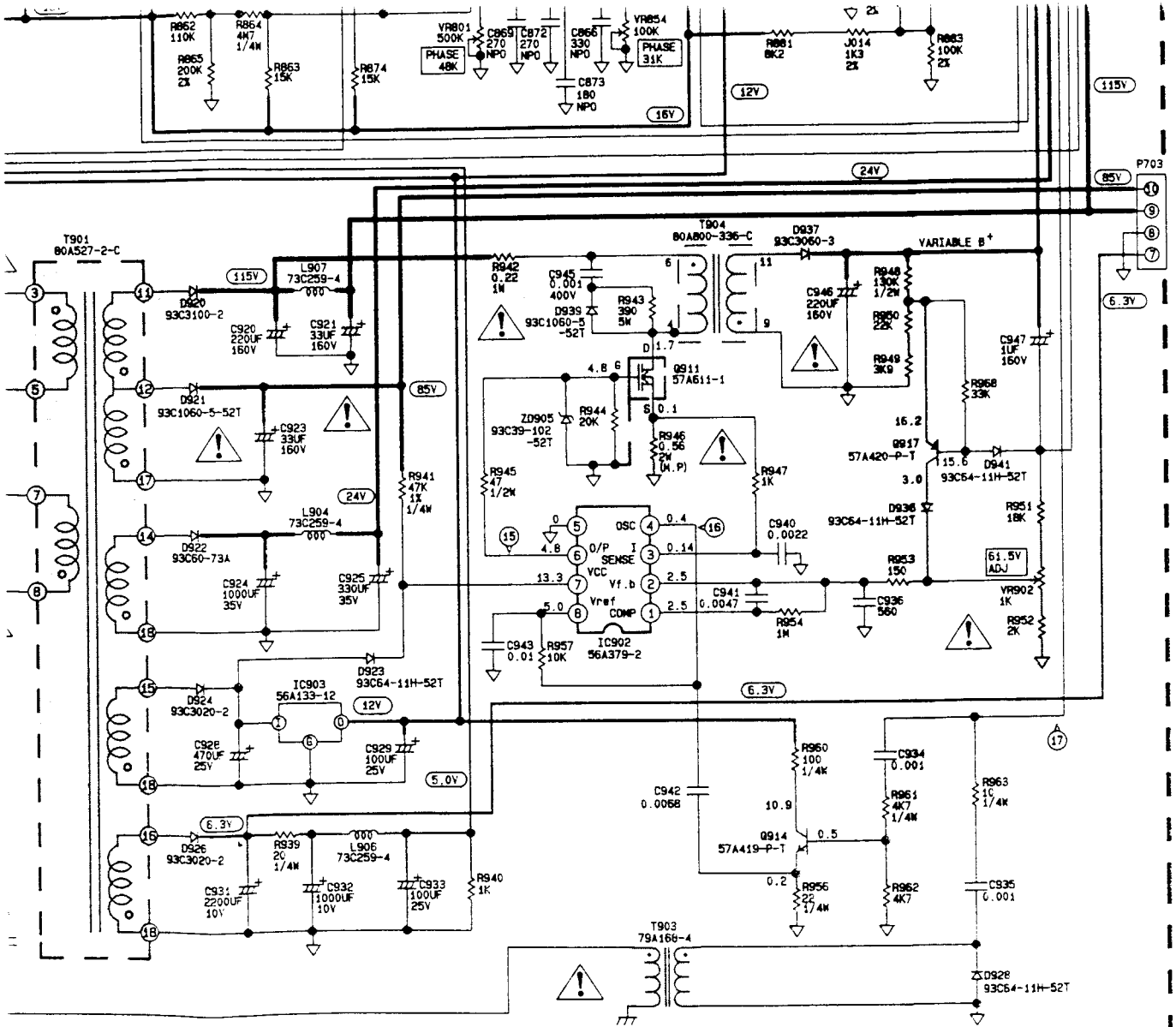
II.FOR CRT 750A5600-5 (HITACHI)

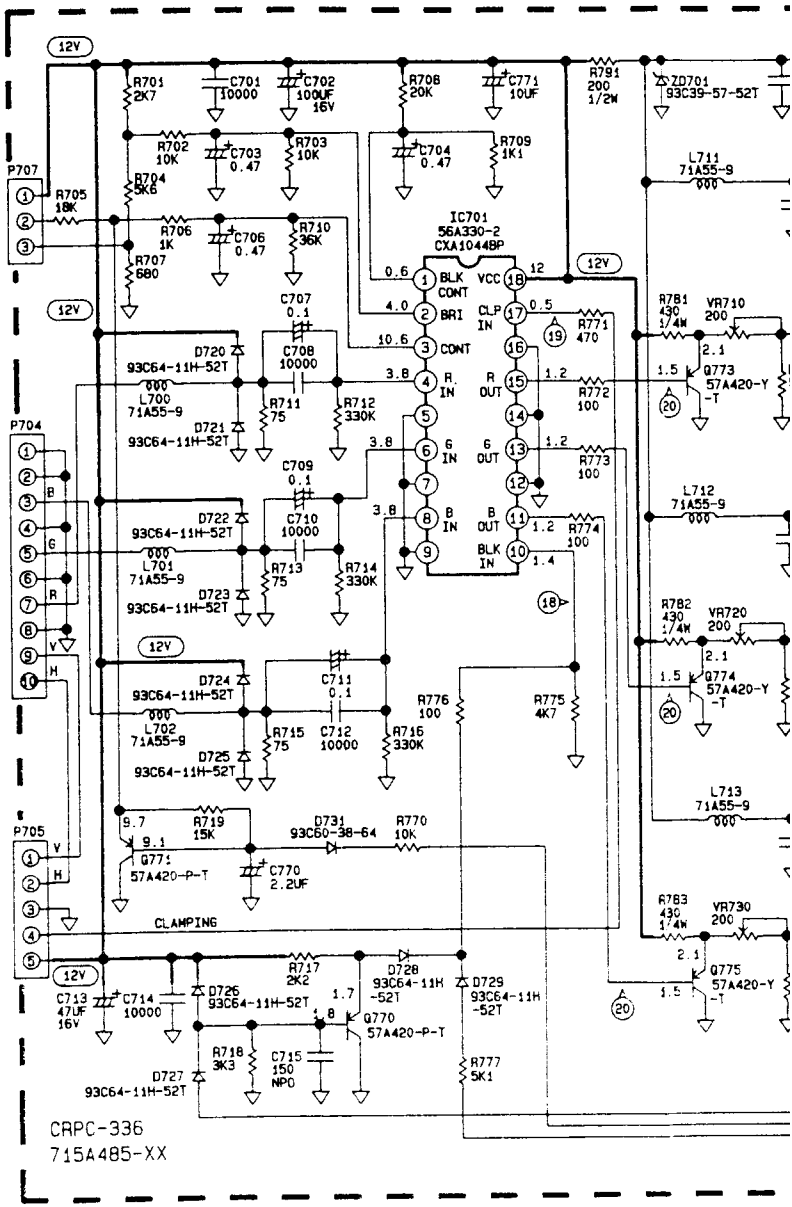
1.	C813	4300P	2KV
2.	C8106	0.033UF	400V
3.	R830	220K	1/2W
4.	C720	150P	50V

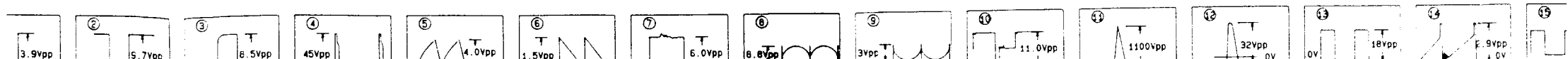
III.FOR CRT 750A5630-5 (PHILIPS)

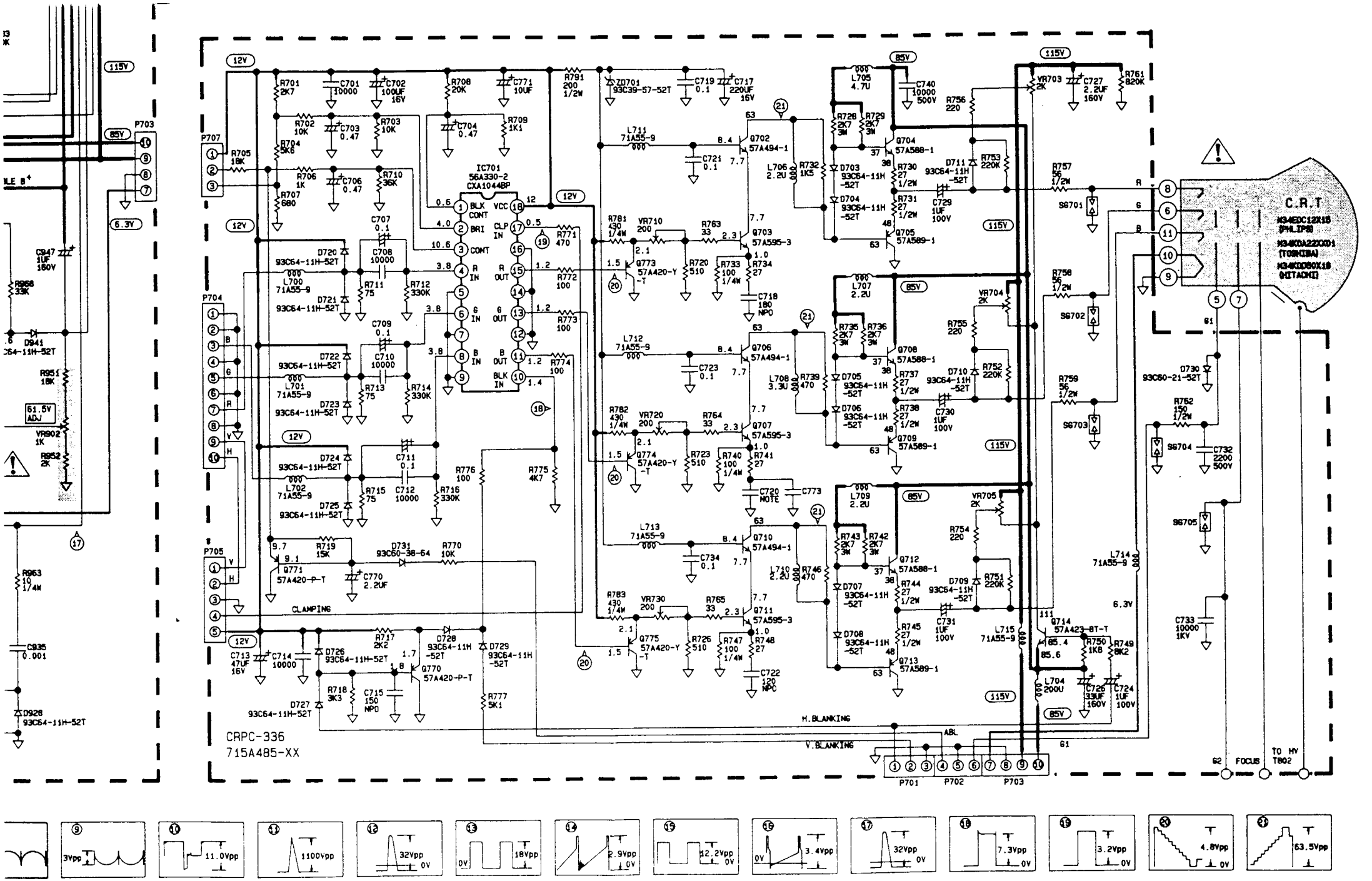
1.	C813	4300P	2KV
2.	C8106	0.033UF	400V
3.	R830	300K	1/2W
4.	C720	180P	50V




T901
80A527-2-C
T904
80A800-336-C
T903
79A168-4
IC902
56A379-2
IC903
56A133-12
VARIABLE B+
115V
85V
24V
12V
6.3V
5.0V
61.5V ADJ


IC701
56A330-2
CXA1044BP
P704
P705
P707
CLAMPING
CRPC-336
715A485-XX


3.9Vpp
5.7Vpp
8.5Vpp
45Vpp
4.0Vpp
1.5Vpp
6.0Vpp
8.8Vpp
3Vpp
11.0Vpp
1100Vpp
32Vpp
18Vpp


CRPC-336
715A485-XX
IC701
CXA1044BP
C.R.T
P701
P702
P703
P704
P705
P707
CLAMPING
H.BLANKING
V.BLANKING
ABL
FOCUS
TO HV T802
115V
85V
12V
6.3V